ISSN 0362-6830

# monthly catalog

## OF UNITED STATES GOVERNMENT PUBLICATIONS

## MAY 1983

ENTRIES 83-10576 TO 83-12668



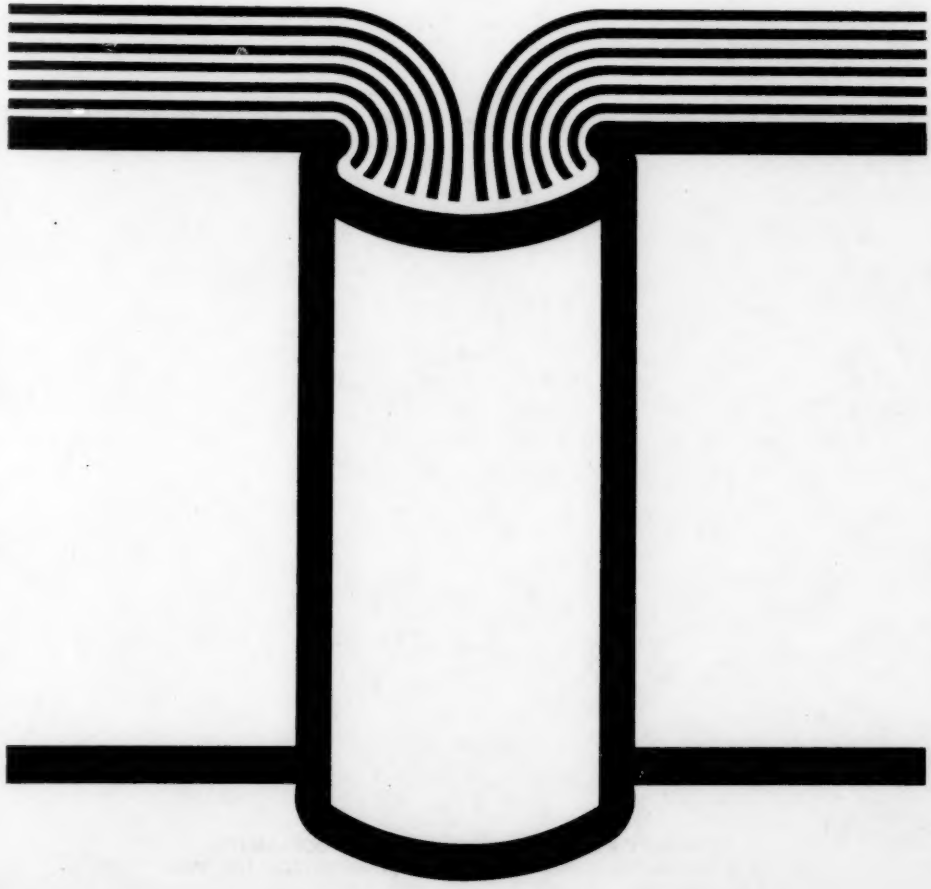
# monthly catalog

## OF UNITED STATES GOVERNMENT PUBLICATIONS

## MAY 1983

**NUMBER 1066**

**ENTRIES 83-10576 TO 83-12668**



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# Preface

In response to requests by the library community and the Depository Library Council to the Public Printer, the Assistant Public Printer (Superintendent of Documents) in the summer of 1974 directed the Library Division to join the Ohio College Library Center's on-line cataloging network, convert to the MARC format, and catalog according to Anglo-American cataloging rules (AACR).

The *Monthly Catalog* utilizes AACR 2 and Library of Congress main entries. Subjects are derived from *Library of Congress Subject Headings* 9th edition and its supplements. The catalog consists of text and five indexes—author, title, subject, series/report number, and stock number.

The Government Printing Office considers the *Monthly Catalog* to be an evolving publication. Its scope and timeliness will continue to be of prime importance.

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# Users' Guide

## ABBREVIATIONS

| | |
|---|---|
| add | addition, addendum, addenda. |
| Amdt., amdts | amendment, amendments. |
| app | appendix, appendixes. |
| bk., bks | book, books. |
| chap | chapter, chapters. |
| Cong | Congress. |
| Dept | Department. |
| doc | document. |
| facsim | facsimile, facsimiles. |
| fy | fiscal year. |
| G.H.A | Greenwich hour angle. |
| H | House. |
| H. Con. Res | House concurrent resolution. |
| H. doc | House document. |
| H. ex. doc | House executive document. |
| H.J. Res | House joint resolution. |
| H.R | House of Representatives, House bill. |
| H. Res | House resolution. |
| H. rp | House report. |
| ill | illustration, illustrations. |
| in | inch, inches. |
| no., nos | number, numbers. |
| p | page, pages. |
| pl | plate, plates. |
| ports | portrait, portraits |
| pt., pts | part, parts. |
| rp | report. |
| S | Senate, Senate bill. |
| S. Con. Res | Senate concurrent resolution. |
| S. doc | Senate document. |
| S. ex. doc | Senate executive document. |
| S. ex. rp | Senate executive report. |
| S.J. Res | Senate joint resolution. |
| S. Res | Senate resolution. |
| S. rp | Senate report. |
| sec | section, sections. |
| sess | session, sessions. |
| supp | supplement. |
| v | volume, volumes. |
| vs., v. | versus. |

Common abbreviations for the names of States, months, etc., are also used.

## LIST OF GOVERNMENT AUTHORS

The alphabetical list in the preliminary pages locates the catalog sequence of documents issued by a specific agency. This list is compiled each month and includes only Government authors of documents received and cataloged during that time span.

## INDEXES

Entries in the Monthly Catalog are indexed for access by author, title, subject, and series/report:

**Author index:** An alphabetical list of personal authors, editors, co-authors, corporate authors, and conferences.

**Title index:** An alphabetical list of titles, series titles, and sub- or alternate titles.

**Subject index:** An alphabetical list of subjects derived from Library of Congress Subject Headings.

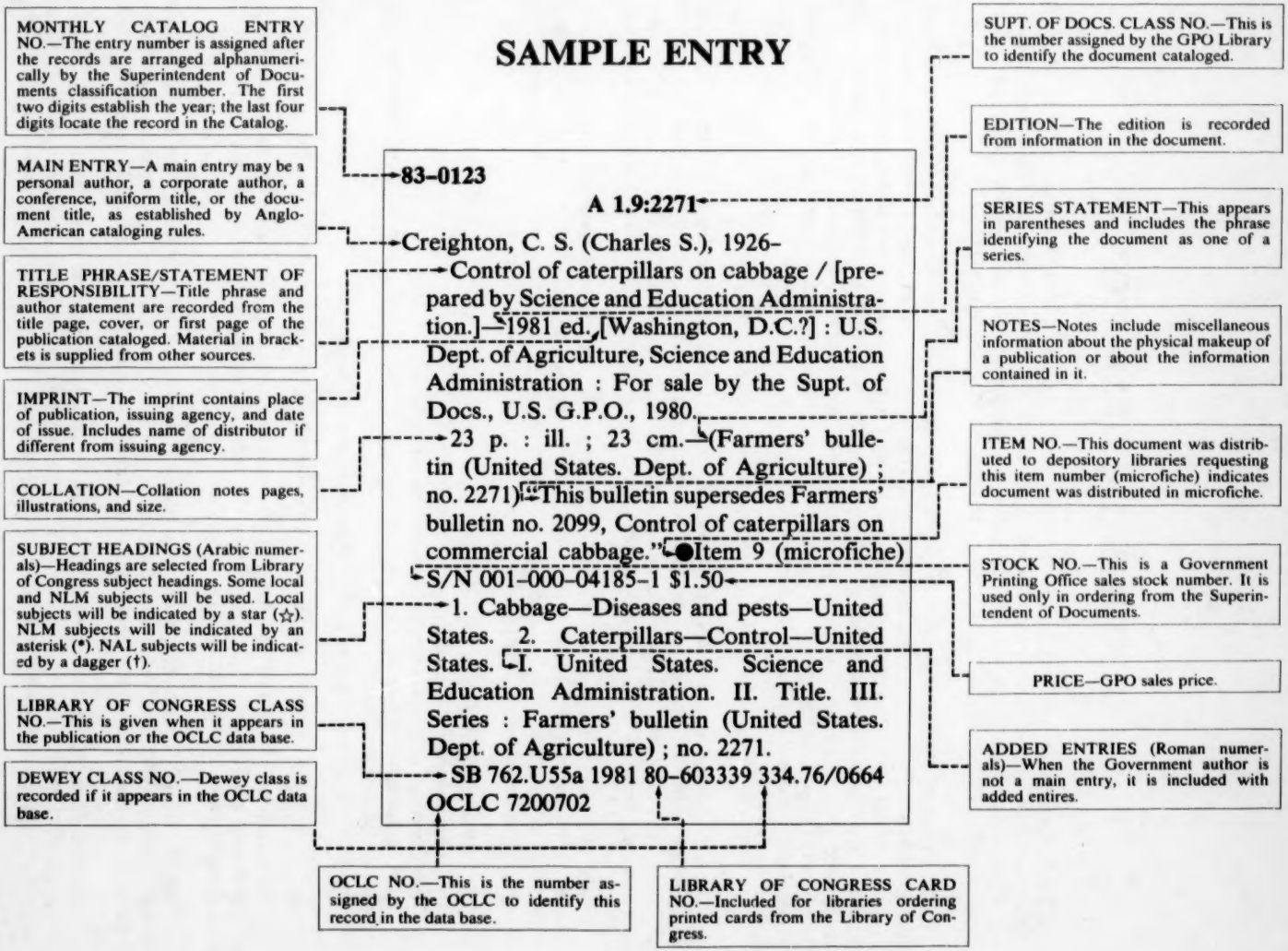
**Series/report index:** An alphabetical list of report numbers and series statements.

**Stock number index:** A numerical list of Superintendent of Documents stock numbers.

**Title key word index:** An alphabetical list of important words selected from information in the title fields.

A margin index on the back cover locates the six listings. Cumulative indexes are published semi-annually and annually. Titles in all indexes are followed by the text entry number where more detailed information is available.

# SAMPLE ENTRY



# GENERAL INFORMATION

The Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, is authorized by law to sell copies of government publications. The Superintendent of Documents currently sells 17,000 titles, which are only a small portion of the publications that have been issued by the Federal Government. Not every title that is listed in the Monthly Catalog is sold by GPO.

The prices of all U.S. Government publications sold by the Superintendent of Documents are established by the Public Printer in accordance with Title 44 of the United States Code. Prices are subject to change *without notice.* The prices charged on your order will be those in effect at the time your order is processed, with the exception of prices quoted from the GPO order desk. (A telephone quote number will be provided at that time which guarantees the price for 90 days.) As it is not feasible to manually correct the prices in the publications affected by price changes, the prices charged on your order may differ from those printed in the publications and in the Monthly Catalog.

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The *GPO Sales Publications Reference File* (PRF) is a 48x microfiche catalog of publications sold by the Superintendent of Documents. The PRF is issued on a bi-monthly subscription basis and lists all publications and subscription services currently for sale by the Superintendent of Documents. Forthcoming sales items and items that have been out-of-print—GPO for up to two years are also included in the PRF.

Each PRF issue consists of approximately 300 microfiche and is sent to subscribers and depository libraries six times a year in January, March, May, July, September, and November. Monthly supplements to the PRF, entitled *GPO New Sales Publications,* consist of one or two microfiche. Each supplement lists all new publications added to the active sales inventory during the preceding month.

The PRF is arranged in three sequences:

1. By Government Printing Office stock numbers
2. By Superintendent of Documents classification numbers
3. By alphabetical arrangement of subjects, titles, agency series and report numbers, keywords and phrases, and individual authors.

The PRF may be purchased as a subscription service, or by single issue.

### THE OUT-OF-PRINT GPO PUBLICATIONS REFERENCE FILE (OUT-OF-PRINT GPO PRF)

The Out-of-Print GPO PRF provides in-house users and subscribers with access to historical records of out-of-print publications. This research tool is useful in tracing the history of sales titles and in identifying old titles once part of the Sales Program.

Records for this microfiche product are generated at the beginning of each calendar year when several thousand GPO titles are deleted from the active file of the PRF and are issued as a sales item. Records in the Out-of-Print PRF include titles that have been unavailable for sale for 12 months or more.

The first issue of the Out-of-Print PRF sold to subscribers was made available in 1980 as the *Exhausted GPO Publications Reference File* (EPRF). The title of this issue reflected the stock status "exhausted" and included over 25,000 titles arranged in alphabetical sequence. The second issue for 1982

was later superseded by a cumulation for the years 1981 and 1982. The total number of records up to the present time is approximately 40,000.

Beginning with the 1983 issue, the title will be changed to reflect the new status, "out-of-print". This new issue will supplement those of 1980 and 1981–1982.

Copies of out of print publications listed on the EPRF and Out-of-Print GPO PRF can be found in regional Federal depository library collections. Copies of certain technical publications no longer sold by the Superintendent of Documents may usually be obtained by writing to:

National Technical Information Service
5285 Port Royal Road
Springfield, VA 22161

### SUBJECT BIBLIOGRAPHIES AND INDEX

At present the Superintendent of Documents does not publish a complete hard copy listing of all titles that are for sale. Most of the available titles appear in the more than 250 subject bibliographies that are prepared by this Office. The subject bibliographies list publications and subscriptions on a single subject, or on a specific field of interest. Each entry is listed by title, GPO stock number, and price. The bibliographies also provide a brief description of some of the publications and subscriptions listed, and ordering information. The Superintendent of Documents has also prepared a Subject Bibliography Index to assist customers in selecting the subject bibliography that most closely relates to their needs. Prices of publications listed in the subject bibliographies are subject to change without notice.

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Washington, D.C. 20402

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*Government Periodicals and Subscription Services, Price List 36* is a free catalog available upon request from the Superintendent of Documents. This catalog lists over 500 subscription services that are published by more than 40 Federal agencies and sold by the Superintendent of Documents. Each issue also lists the changes in subscription services that have occurred since the last edition of Price List 36 was published. These revisions include new subscription services, subscriptions that have been discontinued, changes in subscription titles and the lastest prices. All changes are listed under "General Information" in the preliminary pages. A subscription order form and ordering information are provided on the last two pages. Retention information (the number of available back issues retained for single copy sale) is included in the text entries of Price List 36 following the single copy price. Price List 36 is revised and issued quarterly (Winter, Spring, Summer and Fall). Prices of all subscription services are subject to change without advance notice. To obtain a copy of Price List 36, write to:

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The Consumer Information Center does not maintain a mailing list for individual copies of the *Consumer Information Catalog.* However, the Center does maintain a bulk mailing list for educators, libraries, consumer and non-profit groups who wish to receive 25 or more copies of the catalog quarterly. A Spanish-language edition of the catalog is also available, by individual copy or by bulk. To obtain a copy of the catalog or an application to be placed on the bulk list, write to:

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Pueblo, Colorado 81009

### U.S. GOVERNMENT BOOKS

This illustrated catalog provides annotations of nearly 1,000 of the Government's best-selling publications and subscriptions. The catalog is revised quarterly with most entries carried over. Single copies of the catalog are available free of charge and may be obtained by writing to:

NEW CATALOG
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Washington, D.C. 20402

### NEW BOOKS

*New Books* is a bi-monthly listing of all the new sales publications received by the Superintendent of Documents within the intervening two month period. *New Books* is designed primarily for use by people in professional and technical fields, announcing publication information in a timely manner. To be placed on the free mailing list to receive New Books, write:

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Information on U.S. Government Printing Office sales items, as well as all subject bibliographies and catalogs, listed on the Publications Reference File, can be found through the Lockheed DIALOG system. DIALOG is a computerized reference system available from the Lockeed DIALOG Retrieval Service of Palo Alto, California, and the U.S. Government Printing Office is one of the over 190 data bases that can be accessed by this system. DIALOG subscribers can search any of these data bases by using their own terminal, and take advantage of computerized research methods.

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Department 40
Superintendent of Documents
U.S. Government Printing Office
Washington, D.C. 20402

## CONGRESSIONAL PUBLICATIONS

The following Congressional materials are available from the Superintendent of Documents on a subscription basis: House and Senate Hearings, Public Bills, Reports on Public Bills, Private Bills, Reports on Private Bills, House and Senate Documents, Private Laws, Public Laws.

In most cases, single copies of these publications are not sold. Items which are not available for sale, may be obtained from the House and Senate Documents Rooms at the U.S. Capitol, Washington, D.C. 20515 (House) and 20510 (Senate) or from the issuing congressional committee. Sales items, including some committee prints, are identified with price and stock number in the individual entries in the Monthly Catalog. Prices on sales items are subject to change without notice. Current price information is available from the Superintendent of Documents.

## FEDERAL DEPOSITORY LIBRARY PROGRAM

To help fulfill its responsibility to inform the public on the policies and programs of the Federal Government, Congress has established the Depository Library Program. Chapter 19 of title 44 of the U.S. Code is the authority for the establishment and operation of the depository program. Under this program, government publications are made available to designated depository libraries. In order to provide the general public with greater access to government publications, these libraries are located in each state and congressional district. There are currently over 1,350 depository libraries. Of this number, 50 have been designated as regional depositories. The regional libraries assume the responsibility of retaining depository material permanently and of providing inter-library loan and reference service in their regions. They also assist selective depository libraries with the disposal of unwanted material. Copies of documents no longer available through the GPO Sales Program can usually be found in regional Federal depository library collections. See the following page for a list of regional Federal depository libraries. To obtain a complete list of the depository libraries, write to:

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Washington, D.C. 20402

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## FEDERAL DEPOSITORY LIBRARY PROGRAM

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Documents Department
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(701) 777–2617
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1. Publications that are sold by the Superintendent of Documents may be ordered directly from the Office of the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402.
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4. Customers may order by phone. The order desk is open from 8:00 A.M. to 4:30 P.M. Monday through Friday, and will accept orders charged to a Superintendent of Documents Deposit Account or to a VISA/MasterCard Account. The order desk phone number is *202-783-3238.*
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# LIST OF SPECIAL MATERIALS

Errata sheets, change notices, binders, and other materials not warranting a separate bibliographic description are listed below. The list is in Supt. of Docs. classification number order. Each entry in the list includes title, date, Supt. of Docs. item number, stock number, and price, as applicable.

A 13.2:F 59 ..... Predicting flakeboard properties: improvements in bending properties by aligning a mixture of flakes. April, 1980. ●Item 84.

A 13.27/2:F 76/10/pt.1 ..... Technological innovation in forest industries. Pt. 1. July 1981. ●Item 84.

A 13.27/2:F 76/10/pt.2 ..... Technological innovation in forest industries. Pt. 2. August 1981. ●Item 84.

A 13.79:NE-490/errata ..... Taper and volume equations for selected Applachian hardwood species/by A. Jeff Martin. Errata sheet. 1981. ●Item 83-B.

A 13.79:RM-359/errata ..... Range cattle impacts on stream water quality in the Colorado Front Range. Errata sheet. 1982. ●Item 83-B.

A 13.88:RM-76/errata ..... Hand-held calculator programs for the field forester/by Wayne D. Sheppard. Errata. ●Item 83-B.

D 7.6/7:8200.1/2/rep ..... Defense in-plant quality assurance program. DSAH 8200.1, AR 702-4-1, AFP 74-17. Aug. 1976. ●Item 314-A.

D 7.6/7:8200.1/ch.3 ..... Defense in-plant quality assurance program. DLAH 8200.1 Change no. 3. 5 Nov. 82. ●Item 314-A. S/N 008-007-03256-9. $2.00.

D 7.6/8:5015.1/3/ch.2 ..... Files maintenance and disposition. DLAM 5015.1. Change no. 1. 22 Jan. 82. ●Item 314-A.

D 7.6/16:982-2/ch.6 ..... Milstrip routing identifier and distribution codes. DOD 4140.17-M, suppl. 1. Change no. 6. 1 Dec. 82. ●Item 314-A.

D 12.8:570-1/ch.3 ..... Manpower and equipment control, manning criteria-Army National Guard technicians. NGB pamphlet no. 570-1. Change 3. 20 Nov. 1981.

D 12.8:600-3/2/ch.1 ..... Implementation of the officer personnel management system for the Army National Guard. NGB Pamphlet no. 600-3. Change 1. 30 April 1981. ●Item 358 (microfiche).

D 101.9:725-50/ch.2 ..... Requisition and issue of supplies and equipment: requisitioning, receipt, and issue system, effective 1 June 1982. AR 725-50. Change no. 2. 1 May 1982. ●Item 323.

D 101.11:9-2350-217-10 N/ch.2 ..... Operator's manual for Howitzer, medium, self propelled. Change no. 2. 9 October 1981. ●Item 329 (microfiche).

D 101.11:9-2350-257-10-3/ch.1 ..... Operator's manual, tank, combat full-trached 105-MM gun M60A1 (rise) (2350-10-059-1503). TM 9-2350-257-10-3. Change no. 1. 15 Jan. 1982. ●Item 329.

D 101.11:9-2350-259-20 P/ch.1 ..... Organizational maintenance repair parts and special tools list for combat vehicle, anti-tank, improved tow vehicle M901, NSN 2350-01-045-1123. TM 9-2350-259-20P. Change no. 1. 15 Oct. 1981.

D 101.20:10-515/ch.2 ..... Airdrop of supplies and equipment rigging armored reconnaissance/airborne assault vehicle (M-551). C2,FM 10-515/to 13C7-10-181. Change no. 2. 2 Dec. 1981. ●Item 324.

D 103.42/4:79-3 ..... Beach behavior in the vicinity of grions two New Jersey field examples/Craig H. Everts.

D 103.42/4:79-4 ..... Rubble-mound structures as artificial reefs/by Arthur K. Hurme.

D 103.42/4:79-5 ..... Wave action on the Savannah tide gates/by J. Richard Weggel, John Roberts, John Hagar.

D 103.42/4:79-6 ..... Predicting beach planforms in the lee of a breakwater/Marc Perlin.

D 103.45/3:975/errata ..... Stages and discharges of the Mississippi River and tributaries in the St. Louis District. 1975.

D 103.45/3:976/errata ..... Stages and discharges of the Mississippi River and tributaries in the St. Louis District. 1976.

D 208.6/3:C 56/2/975/v.1/ch.3 ..... Manual of Navy officer manpower and personnel classifications. Vol. 1. Major code structures. Change 3. NAVPERS 1539C. 12 Aug. 1977.

D 208.6/3:C 56/2/975/v.1/ch.5 ..... Manual of Navy officer manpower and personnel classifications. Vol. 1. Major code structures. Change 5. NAVPERS 15839C. 10 Apr. 1978.

HE 3.49:56/errata ..... Disability survey 72. Disabled and nondisabled adults. April 1981.

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|---|---|
| J 21.11:16/supp.pages | Matter of Huang in deportation proceedings. Supplement to volume 16 of the Administrative decisions under the Immigration and Nationality Laws of the United States. 1980. ●Item 723. |
| LC 1.2:C 76/7/980 | CONSER tables 1979. March 1980 update pages. ●Item 786 (microfiche). |
| NS 1.2:C 65 | Cognitive processes and structures of knowledge, information on submission of proposals for FY 1981. [1981]. |
| NS 1.2:C 73/3 | Computers and computer-related technology for science and mathematics education, information on submission of proposals for FY 1981. [1981]. |
| NS 1.2:Sci 2/33 | Science for the early adolescent, information on submission of proposals for FY 1981. [1981]. |
| NS 1.2:Sci 2/34 | Science literacy and science, technology, and society, information on submission on proposals for FY 1981. [1981]. |
| NS 1.2:T 22/19 | Technology in science education, information on submission of proposals for FY 1981. [1981]. |
| NS 1.2:W 84/4 | Women, minorities, and the physically handicapped, science access and participation, information on submission of proposals for FY 1981. [1981]. |
| TD 4.6:13/2/ch.7 | Investigation and enforcement procedures, correction. Change 7. May 27, 1980. ●Item 431-C-13. S/N 050-007-00230-1. $1.75. |
| TD 4.6:43/2/ch.5 | Maintenance, preventive maintenance, rebuilding and alteration. Oct. 15, 1982. ●Item 431-C-13. Change 5. S/N 050-007-00311-1. $4.50. |
| TD 4.6:49/ch.1 | Recording of aircraft titles and security documents. Sept. 8, 1976. Change 1. |
| TD 4.6:61/3/ch.11 | Certification: pilots and flight instructors. Change 11. Nov. 15, 1982. ●Item 431-C-13. S/N 050.007-81043-1. $40.00. |
| TD 4.6:125/ch.4 | Certification and operations: airplanes having a seating capacity of 20 or more passengers or a maximum payload capacity of 6,000 pounds or more. Change 4. Oct 12, 1982. ●Item 431-C-13. S/N 050-007-81031-8. $17.00. |
| TD 4.6:129/2/ch.8 | Operations of foreign air carriers. Change 8. April 28, 1982. ●Item 431-C-13. S/N 050-007-00608-0. $2.25. |
| TD 4.6:141/2/ch.1 | Pilot schools. Nov. 15, 1982. ●Item 431-C-13. Change 1. S/N 050-007-00322-6. $3.50. |
| TD 4.6:171/2/ch.2 | Non-federal navigation facilities. Change 2. Dec. 17, 1981. ●Item 432-C-13. S/N 050-007-00619-5. $5.00. |
| TD 4.8/2:8110.4/ch.19. | Type certification. 5/10/77. Chg. 19. |
| TD 4.8/5:150/5000-3E/ch.1 | Change 1 to AC 150/5000-3E, address list for regional airports divisions and airports district/field offices. 2/1/80. ●Item 431-A-27. |
| TD 4.308:F 11/981/ch.4 | Facility operation and administration. Chg. 4. 10/6/82. ●Item 431-D-1. |
| TD 4.308:M 59/4/980/ch.1 | Change to special military operations handbook. Chg. 1. 1/4/80. ●Item 431-D-1. |
| TD 5.8:Ai 7/3/ch.4 | Air operations manual: COMDTINST M3710.1 (old CG-333). Change 4. Mar. 28, 1980. ●Item 934-A. |
| TD 8.8:C 17/ch. | The car book: the purchasing guide. (1981?) ●Item 982-D-3. |
| VA 1.10/3:21-1/ch.291 | Dept. of Veterans Benefits PG 21-1, "Program Guide, Compensation and Pension." Change 291. July 2, 1980. ●Item 987. |
| VA 1.22:13-8/ch.2 | Information bulletin 13-8, "Energy conservation in the VA." Change 2. May 30, 1980. ●Item 986-A. |
| VA 1.38:21-75-1/pt.1/ch.13 | Training guide (TG series). Transmitted is Lesson 48 to Part I, TG 21-75-1. Dec. 7, 1979. ●Item 989-A. |
| Y 1.1/5:97-290/errata | Errata: page 150 of Rept. no 97-290. (1982?) ●Item 1008-C. |
| Y 3.N 88:25/2471/errata | NUREG/CR-2471 errata, EGG-2160. Analysis of the pulsed neutron activation technique . . . errata . . . NUREG/CR-2471. Mar. 10, 1982. ●Item 1051-H-11 (microfiche). |
| Y 4.Ap 6/1:D 63/983/pt.2/errata | District of Columbia Appropriations for 1983, Part 2, errata sheet. ●Item 1011. |

# New Classification Numbers

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| | Forest Service. |
| A 13.110/13:let. & nos. | State and private forestry, technical publications. |
| | NOTE.—See, for earlier class, A 13.102/4. |
| | National Bureau of Standards. |
| C 13.48/4–2:date | NBS standard reference materials . . . price list (annual). |
| C13.65:date | Postdoctoral research associateships (annual). |
| | NOTE.—See, for earlier class, C 13.2:R 31/6. |
| | National Technical Information Service. |
| C 51.17/11:date | Federal technology catalog, summaries of practical technology, NTIS tech notes annual index. |
| | National Oceanic and Atmospheric Administration. |
| C 55.31/3:date | Report to the Congress on ocean pollution, monitoring and research (annual). |
| | NOTE.—See, for earlier classes, C 55.31:(date) and C 55.31/2:(date). |
| C 55.42:date | Ocean thermal energy conversion, report to Congress: fiscal year . . . (annual). |
| C 55.43:date | Office of Marine Pollution Assessment, annual report by . . . (annual). |
| C 55.43/2:date | Office of Marine Pollution Assessment, technical plan for fiscal year . . . |
| | National Oceanographic Data Center. |
| C 55.291/2:date | NODC, National Oceanographic Data Center, annual report. |
| | National Ocean Survey. |
| C 55.401/2:date | Monthly report of activities. |
| | Environmental Research Laboratories. |
| C 55.601/3:date | National Hurricane Research Laboratory, fiscal year . . . programs—fiscal year . . . projections. |
| C 55.601/4:date | Research Facilities Center annual report, fiscal year. |
| C 55.601/5:date | Geophysical Fluid Dynamics Laboratory, activities, plans (annual). |
| | Army Command and General Staff College. |
| D 110.10:nos. | RB (reference book) series. |
| | Water Programs Operations Office. |
| EP 2.29:date | Office of Water Operating Guidance and Accountability System (annual). |
| | Environmental Protection Agency. |
| EP 1.21/6–2:date | ORD publications announcement (quarterly). |
| | National Institutes of Health. |
| HE 20.3027/3:date | Annual report, National Cancer Advisory Board. |
| | National Center for Devices and Radiological Health. |
| HE 20.4601:date | Annual report. |
| HE 20.4602:CT | General publications. |
| HE 20.4603–8: Reserved | |
| HE 20.4606:CT | Regulations, rules, instructions. |
| | National Institute for Occupational Safety and Health. |
| HE 20.7111/3:(CT) | NIOSH surveillance report (series). |
| HE 20.7117/2:CT | NIOSH Worker Bulletin. |
| | Health Professions Bureau. |
| HE 20.9302:(CT) | General publications. |
| | NOTE.—See, for earlier class, HE 20.6602—formerly under old Health Resources Administration, see HE 20.6000. |
| | Health Care Financing Administration. |
| HE 22.8/6–2:date & letter | Medicare intermediary manual part 2 audits-reimbursement program administration. |
| | Child Support Enforcement Office. |
| HE 24.12:date | Information sharing index. |
| | Indian Affairs Bureau. |
| I 20.65:nos. | BIA administrative reports. |
| | Mines Bureau. |
| I 28.29/3:date | Directory of cement producers in . . . (annual). |

I 28.63/4:date ..... End uses of sulfur and sulfuric acid in . . . (annual).
I 28.101/4:date ..... Calcium and calcium compounds in . . . (annual).
I 28.118/2:date ..... Directory of principal crushed stone producers in the United States in . . . (annual).
NOTE.—See, for earlier class and title, I 28.118: (date).
I 28.118/3:date ..... Directory of principal dimension stone producers in the United States in . . . (annual).
NOTE.—See, for earlier class and title, I 28.118: (date).
I 28.128/2:date ..... Graphite in . . . (annual).
I 28.134/2:date ..... Directory of companies producing salt in the United States (annual).
I 28.135/4:date ..... Sodium sulfate in . . . (annual).
I 28.135/3:date ..... Sodium carbonate in . . . (annual).
I 28.159:date ..... Corundum in . . . (annual).
I 28.160:date ..... Gallium in . . . (annual).
I 28.161:date ..... Garnet in . . . (annual).
I 28.162:date ..... Industrial diamond in . . . (annual).
I 28.163:date ..... Iron oxide pigments in . . . (annual).
I 28.164:date ..... Quartz crystals in . . . (annual).
I 28.165:date ..... Raw nonfuel mineral production . . . (annual).
I 28.166:date ..... Strontium in . . . (annual).

National Aeronautics and Space Administration.
NAS 1.69:nos ..... NASA educational briefs for the classroom (series).

International Development Agency.
S 18.60/2:(CT) ..... Audiovisual materials.

Government Financial Operations Bureau.
T 63.120:date ..... Federal aid to States (annual).
NOTE.—See, for earlier class, T 63.102:Ai 2/.

Transportation Department.
TD 1.51:date ..... Sources of information on urban transportation planning methods (annual).

National Highway Traffic Safety Administation.
TD 8.33:date ..... Fuel economy news (quarterly).
NOTE.—See, for earlier class E 1.79:

Veterans Administration.
VA 1.62:date ..... Directory of Veterans Organizations and State Departments of Veterans Affairs (annual).
VA 1.63:date ..... VA Health Professional Scholarship Program (publications).

## Discontinued Series

Energy Information Administration.
E 3.11/11-2:date ..... Prices and margins of no. 2 distillate fuel oil. ●Item 435-E-6.
NOTE.—Discontinued with the Dec. 1982 issue. Continued by Petroleum marketing monthly, E 3.13/4:.
E 3.24:date ..... Monythly petroleum product price report. ●Item 434-A-20.
NOTE.—Discontinued with the Dec. 1982 issue. Continued by Petroleum marketing monthly, E 3.13/4:.

Program Operations Bureau.
HE 22.309:date ..... Price information for drug products. ●Item 499-H-1 (monthly).
NOTE.—Discontinued with the Dec. 1980 issue.

Reclamation Bureau.
I 27.5:v.nos.&nos. ..... Reclamation era. ●Item 663 (quarterly).
NOTE.—Discontinued with Apr. 1983 issue.

Unemployment Insurance Service.
L 37.209:nos. ..... Benefit series service, unemployment insurance. ●Item 752 (quarterly).
NOTE.—Discontinued with no. 333, June 1981.

# Corrections for Previous Monthly Catalogs

Mar. 1973. Entry 20837, Wool and polyester/wool worsted fabrics from Japan . . . Change class to TC 1.31:W 88/2.
Oct. 1976. Entry 76-6838, Beech-maple region . . . Change class to I 29.62/2:3.
May 1979. Entry 79-10060, Minor nometals . . . Change class to I 28.37/a:N 532/976.
Oct. 1979. Entry 79-18328, Basic administration principles for drug abuse treatment . . . Change class to HE 20.8223:1/3.
Nov. 1979. Entry 79-20764, Copper industry . . . class to I 28.59/3:978/supp.
Dec. 1979. Entry 79-22519, Water quality management five year strategy . . . Change class to EP 1.91:980.
Jan. 1980. Entry 80-2541, Social Security and the changing roles . . . Change class to HE 1.2:So 1/4.
Feb. 1980. Entry 80-5136, Portugal . . . Change class to PrEx 3.10/4:P 83.
June 1980. Entry 80-12775, So you really want to do something about the drunk driver . . . Change class to TD 8.2:D 83/48.
July 1980. Entry 80-14869, Sulfur . . . Change class to I 28.63/2:979/prelim.
—— Entry 80-15147, Transportation energy contingency strategies . . . Change class to TD 1.20/8:80-26/pt. 1-2.
Sept. 1980. Entry 80-17955, Data extraction and calibration . . . Change class to C 55.13/2:NESS 107.
June 1981. Entry 81-5909, The college student with a disability ● Item 766-C to 766-C-5.
Sept. 1981. Entry 81-11114, America's new beginning . . . To this entry add ● Item 850 (microfiche).
Oct. 1981. Entry 81-11995, Willapa Bay: a historical perspective and a rationale for research/. . . To this entry add ● Item 612 (microfiche).
—— Entry 81-12046, NASA meteorology and calibration, 1980 . . . To this entry add ● Item 830-H-10 (microfiche).
Nov. 1981. Entry 81-13184, The educational system of Austria/ . . . To this entry add ● Item 460-A-14.
Mar. 1982. Entry 82-3371, Venezuela, Trinidad and Tobago: crude oil potential from know deposit/ . . . To this entry add ● Item 429-T-11.
Apr. 1982. Entry 82-6822, End-stage renal disease (ESRD) program under Medicare/ . . . Change Library of Congress Card No. to 81-604026.
—— Entry 82-6827, Proposed United States-Egyptian agreement for peaceful nuclear cooperation . . . Change Library of Congress Card No. to 82-601170.
—— Entry 82-6861, Balancing the budget . . . Change Library of Congress Card No. to 82-601204.
May 1982. Entry 82-9512, Final environmental impact statement for commercial ocean thermal energy conversion (OTEC) licensing/ . . . Change class to C55.34/3:O'c 2.
—— Entry 82-10267, Your disaster assistance center: . . . Change class to FEM 1.8:D63 and add ● Item 216-A-7 (microfiche).
—— Entry 82-11343, Peru:/CARE OPG water health services project/ . . . To this entry add ● Item 900-C-10 (microfiche).
—— Entry 82-11668, Review of literature on herbicides, . . . To this entry add ● Item 983-A (microfiche) (v.1).
Aug. 1982. Entry 82-19212, Looking for an old aerial photograph . . . Change to I 19.80:Oc 1/2.
—— Entry 82-19414, Atlantic coast ecological user's guide and information base/ . . . Change class to I 49.6/2:Ec 7/2 and add ● Item 612-E.
Aug. 1982. Entry 82-20239, Nominations of James Jay Jackson and Richard W. Heldridge . . . To this entry add ● Item 1035-C, 1035-D (microfiche).
—— Entry 82-20341, Oversight of the activities of the Office of Federal Contract Compliance Programs of the Department of Labor: . . . To this entry add ● Item 1043-A 1043-B (microfiche).
Sept. 1982. Entry 82-21721, Ward quality of the tidal Potomac River and estuary . . . To this entry add ● Item 624-H (microfiche).
—— Entry 82-22343 is a duplicate of entry 82-20154 listed correctly in August 1982 Monthly Catalog.
—— Entry 82-22369, Employment, an option for all ages: . . . Change Library of Congress Card No. to 82-601980.
Oct. 1982. Entry 82-23848, State regulations pertaining to the use of internal combustion engines underground/ . . . Change class to I 28.27:8845 and add ● Item 637-A (microfiche).
—— Entry 82-23933, Scholars as contractors: . . . Change class to I 70.11:Sch 6.
—— Entry 82-23970, Labor-Management Reporting and Disclosure Act of 1959. Spanish . . . To this entry add ● Item 746-E.
—— Entry 82-24105, Soviet acquisition of western technology . . . Change class to PrEx 3.2:So 8 and add ● Item 856-A-2 (short).
—— Entry 82-24257, Larry River: the Hirshhorn Museum and Sculpture Garden Collection, Smithsonian Institution/ . . . Change class to SI 13.2:R 52.
Nov. 1982. Entry 82-25667, Capacity utilization and fuel consumption in the electric power industry, 1970-1981/ . . . To this entry add . . . 429-T-11.
—— Entry 82-25669, Outlook for U.S. coal/ . . . To this entry add ● Item 429-T-11.
—— Entry 82-25674, Effects of new plant and equipment expenditures on electricity prices/ . . . To this entry add ● Item 429-T-11.

—— Entry 82-25676, A description of major price index and their energy content/ . . . To this entry add ● Item 429-T-11.

—— Entry 82-26677, Evaluation of the expanded southern pine beetle research . . . Change class to A 1.2:So 8.

Dec. 1982. Entry 82-27559, Investigation of the structural degradation and personnel hazards resulting from helicopter composite structures exposed to fires and/or explosions/ . . . Change class to D 117.8/2:TR-81-D-16.

—— Entry 82-27797 is a duplicate of entry 77-14763 listed correctly in November 1977 Monthly Catalog.

—— Entry 82-27808, Soldier's Manual: MOS 13 R: FA firefinder radar operator, skill level 1/2/2 . . . Change class to D 101.20:6-13 R.

—— Entry 82-27958, Helicopter landing gear design and test criteria investigation/ . . . Change class to D 117.8/2:TR-81-D-15.

—— Entry 82-28389, Geographic distribution of SSI recipients, December 1979/ . . . To this entry add ● Item 516-G.

—— Entry 82-28498, New tools for land protection: . . . To this entry add ● Item 603-B (microfiche).

—— Entry 82-29353, United States Nuclear Regulatory Commission: subscription service . . . Change class to Y 3.N 88:2 Su 1.

—— Entry 82-20395, Laboratory simulation of steady tornadic wind loads on structures . . . Change class to Y 3.N 88:25/1183.

Jan. 1983. Entry 83-2248, CASSIS . . . Change class to C 21.2:C 56/5.

—— Entry 83-2264, The LFM II Model—1980/ . . . Change class to C 55.13/2:NWS NMC 66.

—— Entry 83-2406, Pacification/by Tran Dinh Tho . . . Change class to D 114.18:P 11.

—— Entry 83-2534, The effects of chemistry and meteorology on ozone control . . . Change class to EP 4.2:C 42/2.

—— Entry 83-2883, NTP technical report on the carcinogenesis . . . Change class to HE 20.3159/2:201.

Jan. 1983. Entry 83-3022, The effect of the Faka Union Canal system on water levels . . . Change class to I 19.42/4:77-61.

—— Entry 83-3379, Production of reliable flight-crucial software/ . . . To this entry add ● Item 830-H-10 (microfiche).

—— Entry 83-3380, Eleventh International Laser Radar Conference/ . . . To this entry add ● Item 830-H-10 (microfiche).

—— Entry 83-3425, Global differential geometry: . . . To this entry add ● Item 830-H-11 (microfiche).

—— Entry 83-3426, User's guide for the Solar Backscattered Ultraviolet (SBUV) instrument first-year ozone-S date set/ . . . To this entry add ● Item 830-H-11 (microfiche).

—— Entry 83-3518, PL 480 Title II: a study of the impact of a food assistance program in the Philippines/ . . . To this entry add ● Item 900-C-13 (microfiche).

—— Entry 83-3631, Offshore pipeline facility safety practices . . . Change class to TD 9.10:OPSO-77/14.

Feb. 1983. Entry 83-4269, Forest research in the Southeast . . . Change class to A 13.63/13:982/3.

—— Entry 83.5013, A comparison of U.S. and foreign medical graduates . . . To this entry add ● Item 507-B-12 (microfiche).

—— Entry 83-5218, Maps of flood-prone areas . . . Change the 3rd class to I 19.79:C 12/Ord Ferry/flood.

—— Entry 83-5839, Report of the Committee on Rules and Administration on its continuing . . . Change series line to (Report / 97th Congress, 1st session, Senate; No. 97-55).

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| Administrative Office of United Statets Courts, Washington, DC 20544 | Ju 10.1/2:982 |
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| Apprenticeship and Training Bureau, Washington, DC 20210 | L 37.106/2:C 22/982 |
| Army Air Mobility Research andDevelopment Laboratory, Fort Eustis, VA 23604 | D 117.8/2:TR-81-D-10 |
| Army Department, Washington, DC 20310 | D101.2:L 46/5 |
| Assistant Public Printer (Superintendent of Documents) Government Printing Office, Washington, DC 20402 | GP 3.22:SP 1/3 |
| Census Bureau, Suitland, MD 20233 | C 3.31/5:978/v.5/pt.8 |
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| Naval Observatory, Washington, DC 20350 | D 213.10:23/pt.3 |
| Naval Research Office, Arlington, VA 22217 | D 210.8:8487 |
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| President of the United States, Washington, DC 20500 | Pr 40.8:Et 3 L 62 |
| President's Committee on Employment of the Handicapped, Washington, DC 20210 | PrEx 1.11:Ac 7 |
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### Washington, DC 20250

**83-10576**

**A 1.2:C 44**

Biological control of pests in China. — Washington, D.C. : U.S. Dept. of Agriculture, Office of International Cooperation and Development, Scientific and Technical Exchange Division, China Program, [1982]

viii, 266, [1] p. ; 28 cm. Cover title. "October 1982"—P. iii. Bibliography: p. 83-91. Includes indexes. ●Item 10

1. Agricultural pests — China. 2. Insect control — China. I. United States. Dept. of Agriculture. Office of International Cooperation and Development. China Program. 82-603586 OCLC 09038022

**83-10577**

**A 1.2:In 2/3**

The Nation's largest industry. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Office of Information, 1983.

11 p. : ill. ; 23 x 10 cm. "February 1983"—P. 2. ●Item 10

1. Agricultural industries — United States. I. United States. Dept. of Agriculture. Office of Information. OCLC 09306525

**83-10578**

**A 1.11:T 69/3**

United States. Dept. of Agriculture. Office of Operations and Finance.

Agriculture travel regulations including the federal travel regulations / United States Department of Agriculture, Office of Operations and Finance. — [Washington, D.C.?] : The Office, 1981.

1 v. (loose leaf) ; 28 cm. Cover title. "DM 2300-1."

1. United States. Dept. of Agriculture — Travel regulations. I. Title. OCLC 09277329

**83-10579**

**A 1.34:688**

U.S. fresh market vegetable statistics, 1949-80 / compiled by National Economics Division, Economic Research Service, U.S. Department of Agriculture. — Washington, D.C. : The Division, 1982.

[108] p. ; 28 cm. — (Statistical bulletin ; no. 688) Cover title. "Supplement to Vegetable Outlook and Situation"—1st prelim. page. Chiefly tables. "June 1982"—P. [2] of cover. Includes bibliographical references. ●Item 15 (microfiche)

1. Vegetables — United States — Marketing — Statistics. I. United States. Dept. of Agriculture. National Economics Division. II. Series: Statistical bulletin (United States. Dept. of Agriculture) ; no. 688. 82-602809 OCLC 09074379

**83-10580**

**A 1.34:691**

Economic indicators of the farm sector. Farm sector review / United States Department of Agriculture, Economic Research Service. Washington, D.C. : The Service : [National Technical Information Service, distributor], 1982- National Technical Information Service, 5285 Port Royal Rd., Springfield, VA 22161

v. : map ; 28 cm. (Statistical bulletin ; no. 691)

Annual

1980- Title from cover. 1980. Issue for 1981 not published. ●Item 15 (microfiche) Main series: Statistical bulletin (United States. Dept. of Agriculture)

1. Agriculture — Economic aspects — United States — Statistics — Periodicals. I. United States. Dept. of Agriculture. Economic Research Service. II. Series: Statistical bulletin (United States. Dept. of Agriculture) ; no. 691. OCLC 09242403

**83-10581**

**A 1.35:569**

Pest management in stored grain / prepared by Extension Service and Agricultural Research Service. — [Washington, D.C.?] : U.S. Dept. of Agriculture, 1982.

5, [1] p. : ill. ; 23 cm. — (Leaflet ; no. 569) "June 1982"—P. [6] ●Item 12

1. Pest control. 2. Grain — Diseases and pest. I. United States. Extension Service. II. United States. Agricultural Research Service. OCLC 09310287

**83-10582**

**A 1.38:1373/3/supp.**

List of chemical compounds authorized for use under USDA inspection and grading programs / United States Department of Agriculture, Food Safety and Quality Service. Washington, D.C. : The Service : For sale by the Supt. of Docs., U.S. G.P.O., -1981. Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 26-28 cm.

Annual

$2.75

Began with 1979.

-suppl., effective as of July 1, 1981. Title from cover. Suppl. to Miscellaneous pub. no. 1373, effective as of July 1, 1981. Description based on: 1981. Update issued once between each annual edition. Suppl. for July 1 , 1981 was issued by the U.S. Dept. of Agriculture, Food Safety and Inspection Service. ●Item 13-A (microfiche) S/N 001-000-04249-1 Continues: List of chemical compounds authorized for use under USDA meat, poultry, rabbit, and egg products inspection programs ISSN 0565-2146 Continued by: List of proprietary and nonfood compounds authorized for use under USDA inspection and grading programs

1. Food adulteration and inspection — United States — Periodicals. 2. Meat industry and trade — United States — Equipment and supplies — Periodicals. 3. Egg products in-

dustry — United States — Equipment and supplies — Periodicals. I. United States. Food Safety and Inspection Service. II. United States. Food Safety and Quality Service. OCLC 04849522

**83-10583**

**A 1.60/3:23**

Crawford, Hewlette S.

Relationships of birds and spruce budworms : literature review and annotated bibliography / prepared by Forest Service, U.S. Dept. of Agriculture ; by Hewlette S. Crawford, Jr. and Daniel T. Jennings. — Washington, D.C. : Forest Service, U.S. Dept. of Agriculture, 1982.

38 p. ; 27 cm. — (Bibliographies and literature of agriculture ; no. 23) "Canusa, Canada/United States Spruce Budworms Program." "Northeastern Forest Experiment Station, U.S. Dept. of Agriculture, Forest Service, Orono, Maine." "July 1982." ●Item 32-B-1

1. Birds — Bibliography — Catalogs. 2. Spruce budworm — Bibliography — Catalogs. I. Jennings, Daniel T. II. United States. Forest Service. III. Northeastern Forest Experiment Station (Broomall, Pa.) IV. Canada/United States Spruce Budworms Program. V. Title. VI. Series. OCLC 09257277

**83-10584**

**A 1.68:824/7**

Your United States Department of Agriculture : how it serves people on the farm, and in the community, nation, and world. — [Rev. Nov. 1982] — Washington, D.C. : U.S. Dept. of Agriculture, 1982.

31 p. : ill. ; 23 x 10 cm. — (PA ; 824) "Office of Governmental and Public Affairs, Special Programs Center"—P. 3. ●Item 14-A

1. United States. Dept. of Agriculture. 2. Agriculture — Economic aspects. 3. Rural development. 4. Agricultural extension work. I. United States. Dept. of Agriculture. Office of Governmental and Public Affairs. Special Programs Center. II. Series: Program aid (United States. Dept. of Agriculture) ; no. 824. OCLC 09301955

**83-10585**

**A 1.68:1265/2**

Child care food program management manual for institutions. — Rev. Oct. 1982. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Food and Nutrition Service, [1982]

vi, 96 p. : ill. ; 28 cm. — (Program aid ; no. 1265) Cover title. ●Item 14-A

1. Children — United States — Nutrition. 2. Day care centers — United States. I. United States. Food and Nutrition Service. II. Series: Program aid (United States. Dept. of Agriculture) ; no. 1265. OCLC 09313445

**83-10586**

**A 1.68:1291**

U.S. Department of Agriculture's food distribution program. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Food and Nutrition Service, [1981]

[12] p. : ill., 1 map ; 23 cm. — (Program aid ; no. 1291) "Supersedes PA-667, "U.S. Department of Agriculture's Food Donation Program"—P. [12] "May 1981"—P. [12] ●Item 14-A

1. Food relief — United States. 2. National school lunch program. I. United States. Food and Nutrition Service. OCLC 09310448

**83-10587**

**A 1.68:1311**

Engineering in a forestry environment. — [Washington, D.C.] : U.S. Dept. of Agriculture, Forest Service, [1982]

[2], 24 p. : col. ill., 1 map ; 14 x 22 cm. — (Program aid ; 1311) "October 1982"—P. [2] ●Item 14-A

1. Forestry engineering. I. United States. Forest Service. II. Series: Program aid (United States. Dept. of Agriculture) ; no. 1311. OCLC 09310522

**83-10588**

**A 1.68:1317**

The Great Plains conservation program. — Washington, D.C. : U.S. Dept. of Agriculture, Soil Conservation Service, [1982]

1 folded sheet (8 p.) : col. ill., 1 col. map ; 23 cm. — (Program aid ; no. 1317) "Supersedes PA-960, An Expanded Great Plains Conservation Program for the 1970's, issued July 1970"—P. [7]. "July 1982"—P. [7]. ●Item 14-A

1. Great Plains Conservation Program. 2. Soil conservation — Great Plains. I. United States. Soil Conservation Service. OCLC 09310567

**83-10589**

**A 1.75:260/3**

Soil erosion : the work of uncontrolled water. — Rev. Dec. 1971; slightly rev. Aug. 1981. — Washington, D.C. : Soil Conservation Service, U.S. Dept. of Agriculture, 1981.

16 p. : ill. ; 24 cm. — (Agriculture information bulletin ; 260) ●Item 4 (microfiche)

1. Soil erosion — United States. I. United States. Soil Conservation Service. II. Series. OCLC 09313495

**83-10590**

**A 1.75:441**

Controlling runoff for livestock feedlots : a state of the art. — Washington, D.C. : U.S. Dept. of Agriculture, Agricultural Research Service, 1981.

19 p. : ill. ; 22 cm. — (Agriculture information bulletin ; no. 441) "Issued October 1981"—4th prelim. page. Includes bibliographies. ●Item 4 (microfiche)

1. Feedlot runoff. I. United States. Agricultural Research Service. II. Series. OCLC 08269082

**83-10591**

**A 1.76:60/969**

Diagnosis and improvement of saline and alkali soils / United States Salinity Laboratory Staff ; contributing authors: L.E. Allison ... [et al.] ; L.A. Richards, editor. — Repr. August 1969. — [Washington, D.C.] : Soil and Water Conservative Research Branch, Agricultural Research Service, U.S. Dept. of Agriculture, 1969.

vii, 160 p. : ill., charts, forms ; 28 cm. — (Agriculture handbook ; no. 60) "Issued February 1954". G.P.O. sales statement incorrect in publication. Bibliography: p. 148-153. ●Item 3

1. Soils, Salt in — United States. 2. Alkali lands — United States. I. Allison, L. E. II. Richards, L. A. III. Salinity Laboratory (U.S.) IV. United States. Agriculturual Research Service. Soil and Water Conservation Branch. V. Series: Agriculture handbook (United States. Dept. of Agriculture) ; no. 60. OCLC 09257891

**83-10592**

**A 1.76:529-95**

Lawrence, J. F.

A catalog of the Coleoptera of America north of Mexico : family : Cerylonidae / by J.F. Lawrence ; prepared by Agricultural Research Service. — Washington, D.C. : U.S. Dept. of Agriculture : For sale by the Supt. of Docs., U.S. G.P.O., 1982.

x, 9, [1] p. : 1 map ; 26 cm. — (Agriculture handbook ; no. 529-95) "October 1982." Bibliography: p. 5-9. Includes index. ●Item 3 S/N 001-000-04007-3 $2.00

1. Beetles — North America — Catalogs and collections. I. United States. Agricultural Research Service. II. Title. III.

Series: Agriculture handbook (United States. Dept. of Agriculture) ; no. 529-95. OCLC 09293337

**83-10593**

**A 1.76:573**

An Illustrated guide to plant abnormalities caused by eriophyid mites in North America / by Hartford H. Keifer ... [et al.]. — Washington, D.C. : U.S. Dept. of Agriculture, Agricultural Research Service : For sale by the Supt. of Docs., U.S. G.P.O., [1982]

178 p. : col. ill. ; 28 cm. — (Agriculture handbook ; no. 573) "Issued November 1982"—P. [3]. Bibliography: p. 166-170. Includes indexes. ●Item 3 S/N 001-000-04281-5 $8.50

1. Abnormalities (Plants) 2. Eriophyidae. 3. Plants — Wounds and injuries. I. Keifer, Hartford H. II. United States. Agricultural Research Service. III. Series: Agriculture handbook (United States. Dept. of Agriculture) ; no. 573. OCLC 09203044

**83-10594**

**A 1.76:595**

Berry, Frederick H.

Reducing decay losses in high-value hardwoods : a guide for woodland owners and managers. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Forest Service, [1982]

23 p. : ill. (some col.) ; 22 cm. — (Agriculture handbook ; no. 595) "August 1982"—P. 3. Bibliography: p. 21-22.

1. Hardwoods — Diseases and pests. I. United States. Forest Service. II. Title. III. Series: Agriculture handbook (United States. Dept. of Agriculture) ; no. 595. OCLC 09310650

**83-10595**

**A 1.82:1130**

Potential for consolidated delivery of vendor items to retail food stores. — Washington, D.C. : U.S. Dept. of Agriculture, Agricultural Marketing Service, 1982.

18 p. : ill. ; 28 cm. — (Marketing research report ; no. 1130) "July 1982"—T.p. verso. ●Item 13-B (microfiche)

1. Grocery trade — United States. 2. Stores, Retail — United States. I. United States. Agricultural Marketing Service. II. Series. OCLC 09297231

**83-10596**

**A 1.107:471**

Jesse, Edward V.

Effectiveness of federal marketing orders for fruits and vegetables / Edward V. Jesse, Aaron C. Johnson, Jr. — Washington, D.C. : Dept. of Agriculture, Economics and Statistics Service, 1981.

iii, 47 p. : ill. ; 22 cm. — (Agricultural economic report ; no. 471) Cover title. "Issued June 1981"—P. [2] of cover. Bibliography: p. 46-47. ●Item 42-C (microfiche)

1. Government purchasing — United States. I. Johnson, Aaron C. II. United States. Dept. of Agriculture. Economics and Statistics Service. III. Title. IV. Series. OCLC 09310678

**83-10597**

**A 1.107:473**

The Hired farm working force / United States Department of Agriculture, Economic Research Service. Washington, D.C. : The Service, U.S. Dept. of Agriculture, Economic Research Service, Washington, D.C. 20250

v. : ill. ; 28 cm. (1956-60, Agriculture information bulletin) (Agricultural economic report ; no. 473)

Annual Title from cover. 1979. Desription based on: 1979. None issued for 1950, 1953, 1955, 1962. Issued 194 - 52 by Bureau of Agricultural Economics; 1954-58 by Agricultural Marketing Service; (1972)-1975 by the U.S. Dept. of Agriculture, Economic Research Service; 1976-(1977) by the U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service; 1979- by the U.S. Dept. of Agriculture, Economic Research Service. ●Item 42-C Main series: Agriculture information bulletin Main series: Agricultural economic report Continues: Farm and nonfarm wage income of the hired farm working force 1946

1. Agricultural laborers — United States — Statistics — Periodicals. I. United States. Dept. of Agriculture. Economic Research Service. II. United States. Dept. of Agriculture. Economics, Statistics, and Cooperatives Service. III. United States. Bureau of Agricultural Economics. IV. United States. Agricultural Marketing Service. V. Series. VI. Series: Agriculture information bulletin OCLC 09243337

**83-10598**

**A 1.131:P 86**

Facts about commodity B poultry, a better bargain for further processing. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Agricultural Marketing Service, [1983]

[2] p. ; 28 cm. Caption title. "January 1983." "AMS-599." ●Item 13-H-2

1. Poultry processing — United States. I. United States. Agricultural Marketing Service. II. Title: Commodity B poultry, a better bargain for further processing. OCLC 09297056

**83-10599**

**A 1.132:982**

Agriculture and resources inventory surveys through aerospace remote sensing : AgRISTARS / prepared by AgRISTARS Program Support Staff, National Aeronautics and Space Administration, Lyndon B. Johnson Space Center. Houston, Tex. : The Staff, 1981- Lyndon B. Johnson Space Center, AgRISTARS Program Management Group, Houston, Tex. 77058

v. : ill. ; 28 cm.

Annual

Fiscal year 1980- Cover title: AgRISTARS research report FY 1982- Cover title: AgRISTARS annual report FY 1980-FY 1981 "AP-J2-0393." Annual report of the AgRISTARS program. Report covers fiscal year 1982. Vols. for FY 1982- prepared by AgRISTARS Program Management Group, National Aeronautics and Space Administration, Lyndon B. Johnson Space Center. ●Item 13-J ISSN 0278-1948

1. AgRISTARS Program — Periodicals. I. Lyndon B. Johnson Space Center. AgRISTARS Program Management Group. II. Lyndon B. Johnson Space Center. AgRISTARS Program Support Staff. S494.5.R4A37 81-643486 333.76/0723 OCLC 07726857

## FOREST SERVICE
### Agriculture Dept.
### Washington, DC 20250

**83-10600**

**A 13.1/3:981**

United States. Forest Service.

[Report of the Forest Service (1978)] Report of the Forest Service. Washington, D.C. : U.S. Dept. of Agriculture, Forest Service, U.S. Dept. of Agriculture, Forest Service, P.O. Box 2417, Washington, D.C. 20013

v. : ill. ; 28 cm.

Annual

Began with 1977/78. Description based on: Fiscal year 1980. Report covers fiscal year 1981. Combined reports of: Report to Congress and Report for the Secretary of Agriculture. ●Item 80 (microfiche) ISSN 0272-1007 Continues:

United States. Forest Service. Report of the Chief ISSN 0083-1069

1. United States. Forest Service — Periodicals. 2. Forests and forestry — United States — Periodicals. 3. Forest policy — United States — Periodicals. Key Title: Report of the Forest Service (Washington) I. Title. SD11.F67c 80-648919 //r82 [SD11.F67c] 333.75/0973 OCLC 04482233

**83-10601**

**A 13.2:G 99/2**

Panoramic aerial photography for mapping gypsy moth defoliation. — Fort Collins, Colo. : U.S. Dept. of Agriculture, Forest Service, Forest Pest Management, Methods Application Group, 1982.

17 p. : ill., maps (some col.) ; 28 cm. — (Report ; no. 83-1) "October 1982"—P. [1]. Bibliography: p. 16-17. ●Item 84

1. Gypsy moth — Diseases and pests. 2. Aerial photography in forestry. 3. Defoliation. I. United States. Forest Pest Management. Methods Application Group. II. Series: Report (United States. Forest Insect and Disease Management. Methods Application Group) ; no. 83-1. OCLC 09285740

**83-10602**

**A 13.2:L 48/4**

Leave no trace : a program to teach skills for protecting the wilderness environment. — [Ogden, Utah?] : U.S. Dept. of Agriculture, Forest Service, Intermountain Region, 1982.

26 p. : ill. ; 22 cm. Cover title. ●Item 84

1. Environmental protection. 2. Outdoor life — Safety measures. I. United States. Forest Service. Intermountain Region. OCLC 09313470

**83-10603**

**A 13.2:Sa 5 f**

Proposed Santa Fe National Forest plan. — [Santa Fe, N.M.?] : U.S. Dept. of Agriculture, Forest Service, Southwestern Region, 1981.

ii, 153 p. : ill., 3 maps ; 28 cm. "November 1981." Includes indexes. ●Item 84 (microfiche)

1. Forest management — New Mexico — Santa Fe National Forest. 2. Santa Fe National Forest (N.M.) I. United States. Forest Service. Southwestern Region. OCLC 09286251

**83-10604**

**A 13.2:Sh 8/2**

Grassland and shrubland habitat types of the Shoshone National Forest. — [Lakewood, Colo.?] : U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Region, 1982.

ii, 143 p. ; 28 cm. "February 1980"—1st prelim. page. Bibliography: p. 118-120. ●Item 84 (microfiche)

1. Grasslands — Wyoming — Shoshone National Forest. 2. Forests and forestry — Wyoming — Shoshone National Forest. 3. Shrubs — Wyoming — Shoshone National Forest. 4. Shoshone National Forest (Wyo.) I. United States. Forest Service. Rocky Mountain Region. OCLC 09285766

**83-10605**

**A 13.13:C 11/5**

Welcome to Minnetonka Cave. — Repr. 1982. — [Ogden, Utah?] : U.S. Dept. of Agriculture, Forest Service, Intermountain Region, 1982.

1 sheet : ill., 1 map ; 26 x 41 folded to 13 x 9 cn. "Cache National Forest." ●Item 85

1. Caves — Idaho. 2. Cache National Forest (Utah and Idaho) I. United States. Forest Service. Intermountain Region. OCLC 09313793

**83-10606**

**A 13.13:Or 3/7**

Oregon trees and forests. — [Corvallis, Or.? : Oregon State Forestry Dept. : 1982?]

1 sheet : ill., 1 map ; 45 x 40 cm. folded to 23 x 10 cm. "U.S. Forest Service [and] Bureau of Land Management"—P. [2] ●Item 85

1. Forests and forestry — Oregon. I. Oregon. Dept. of Forestry. OCLC 09310724

**83-10607**

**A 13.27/2:W 85/110**

Partial list of wood-using and allied associations. — Madison, WI : Forest Products Laboratory, Forest Service, U.S. Dept. of Agriculture, [1981]

13 p. ; 28 cm. Caption title. "81-019 (supersedes 81-002) "October 1982."

1. Wood-using industries — United States — Directories. 2. Forest products — United States — Directories. I. Forest Products Laboratory (U.S.) OCLC 09276756

**83-10608**

**A 13.36/2:Sn 6/3**

Snow avalanche : general rules for avoiding & surviving snow avalanches. — Rev. 1982. — [Portland, Or.?] : Pacific Northwest Region, USDA Forest Service, 1982.

1 folded sheet (8 p.) : ill. ; 23 cm. "Reprinted from USDA Forest Service aid no. 1090 (1974)". ●Item 86-C

1. Avalanches. I. United States. Forest Service. Pacific Northwest Region. OCLC 09313276

**83-10609**

**A 13.50:23**

An Analysis of the timber situation in the United States, 1952-2030. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Forest Service, 1982.

xxv, 499 p. : ill. ; 28 cm. — (Forest resource report ; no. 23) "December 1982." Includes bibliographical references and glossary. ●Item 83

1. Timber — United States. I. United States. Forest Service. II. Series. OCLC 09104209

**83-10610**

**A 13.52:1/3**

DeMars, Clarence J.

Western pine beetle / Clarence J. DeMars, Jr., and Bruce H. Roettgering. — [Rev. Nov. 1982.] — [Washington, D.C.?] : U.S. Dept. of Agriculture, Forest Service, 1982.

7, [1] p. : col. ill., 1 map ; 22 cm. — (Forest insect & disease leaflet ; 1) Caption title. Bibliography: p. [8]. ●Item 82-A

1. Western pine beetle. I. Roettgering, Bruce H. II. United States. Forest Service. III. Title. IV. Series. OCLC 09313809

**83-10611**

**A 13.52:49/4**

Thatcher, Robert C.

Southern pine beetle / Robert C. Thatcher and Patrick J. Barry. — [Rev. Oct. 1982.] — [Washington, D.C.?] : U.S. Dept. of Agriculture, Forest Service, [1982]

7 p. : col. ill., 1 map ; 22 cm. — (Forest insect & disease leaflet ; 49) Caption title. Bibliography: p. 7. ●Item 82-A

1. Southern pine beetle. I. Barry, Patrick J. II. United States. Forest Service. III. Title. IV. Series. OCLC 09313825

83-10612

A 13.52:53/3

Fellin, David G.

Western spruce budworm / David G. Fellin and Jerald E. Dewey. — [Rev. Nov. 1982.] — [Washington, D.C.?] : U.S. Dept. of Agriculture, Forest Service, [1982]

10 p. : col. ill., 1 map ; 22 cm. — (Forest insect & disease leaflet ; 53) Caption title. Bibliography: p. 9. ●Item 82-A

1. Western spruce budworm — Pacific coast (United States and Canada) I. Dewey, Jerald E. II. United States. Forest Service. III. Title. IV. Series. OCLC 09313840

83-10613

A 13.52:58/4

Jennings, Daniel T.

Southwestern pine tip moth / Daniel T. Jennings and Robert E. Stevens. — [Rev. Oct. 1982] — [Washington, D.C.?] : U.S. Dept. of Agriculture, Forest Service, 1982.

7 p. : ill. (some col.), 1 map ; 23 cm. — (Forest insect & disease leaflet ; 58) Caption title. Bibliography: p. 7. ●Item 82-A

1. Pine moth. I. Stevens, Robert E., 1928- II. United States. Forest Service. III. Title. IV. Series. OCLC 09313872

83-10614

A 13.52:143/2

Peterson, Glenn W.

Dothistroma needle blight of pines / Glenn W. Peterson. — [Rev. Oct. 1982.] — [Washington, D.C.?] : U.S. Dept. of Agriculture, Forest Service, [1982]

5, [1] p. : ill. (some col.), 1 map ; 22 cm. — (Forest insect & disease leaflet ; 143) Caption title. Bibliography: p. [6]. ●Item 82-A

1. Pine — Diseases and pests — United States. I. United States. Forest Service. II. Title. III. Series. OCLC 09313897

83-10615

A 13.78:FPL-412

Giese, Pamela.

OPTYLD, a multiple rip-first computer program to maximize cutting yields / by Pamela J. Giese, and Kent A. McDonald. — [Madison, Wis.] : U.S. Dept. of Agriculture, Forest Service, Forest Products Laboratory, 1982.

32 p. : ill. ; 28 cm. — (Research paper FPL ; 412) Caption title. "September 1982." Bibliography: p. 9. ●Item 83-B (microfiche)

1. Cutting. 2. Millwork (Woodwork). I. McDonald, Kent A. II. Forest Products Laboratory (U.S.) III. Title. IV. Series. OCLC 09306374

83-10616

A 13.78:NE-498

Marquis, David A.

Effect of advance seedling size and vigor on survival after clearcutting / by David A. Marquis. — Broomall, Pa. : U.S. Dept. of Agriculture, Forest Service, Northeastern Forest Experiment Station, 1982.

7 p. ; 28 cm. — (Research paper NE ; 498) Bibliography: p. 6. ●Item 83-B (microfiche)

1. Seedlings — United States. 2. Vitality. 3. Clear-cutting — United States. I. Northeastern Forest Experiment Station (Broomall, Pa.) II. Title. III. Series. OCLC 09306493

83-10617

A 13.78:NE-499

Craft, E. Paul.

The effect of sawbolt length on the yield of pallet materials from small-diameter hardwood trees / E. Paul Craft. — Broomall, Pa. : U.S. Dept. of Agriculture, Forest Service, Northeastern Forest Experiment Station, 1982.

6 p. : ill. ; 28 cm. — (Research paper NE ; 499) Bibliography: p. 6. ●Item 83-B (microfiche)

1. Pallets (Shipping, storage, etc.) I. Northeastern Forest Experiment Station (Broomall, Pa.) II. Title. III. Series. OCLC 09286195

83-10618

A 13.78:NE-502

Plass, William T.

Organic and inorganic amendments affect vegetation growth on an acidic minesoil / William T. Plass. — Broomall, Pa. : U.S. Dept. of Agriculture, Forest Service, Northeastern Forest Experiment Station, 1982.

7 p. : ill. ; 28 cm. — (Research paper NE ; 502) Bibliography: p. 7. ●Item 83-B (microfiche)

1. Acid soils. 2. Organic wastes as soil amendments. 3. Revegetation. 4. Fertilizers and manures. I. Northeastern Forest Experiment Station (Broomall, Pa.) II. Title. III. Series. OCLC 09286186

83-10619

A 13.78:NE-503

Araman, Philip A.

Rough-part sizes needed from lumber for manufacturing furniture and kitchen cabinets / Philip A. Araman. — Broomall, Pa. : U.S. Dept. of Agriculture, Forest Service, Northeastern Forest Experiment Station, 1982.

8 p. : ill. ; 28 cm. — (Research paper NE ; 503) ●Item 83-B (microfiche)

1. Furniture making. 2. Kitchen cabinets. I. Northeastern Forest Experiment Station (Broomall, Pa.) II. Title. III. Series. OCLC 09286210

83-10620

A 13.78:NE-504

Reynolds, Hugh W.

New technology for low-grade hardwood utilization : system 6 / by Hugh W. Reynolds and Charles J. Gatchell. — Broomall, Pa. : U.S. Dept. of Agriculture, Forest Service, Northeastern Forest Experiment Station, 1982.

8 p. : ill. ; 28 cm. — (Research paper NE ; 504) Bibliography: p. 8. ●Item 83-B (microfiche)

1. Technology — United States. 2. Hardwoods — United States. I. Gatchell, Charles J. II. Northeastern Forest Experiment Station (Broomall, Pa.) III. Title. IV. Series. OCLC 09277626

83-10621

A 13.78:NE-517

Solomon, Dale S.

Growth response of managed uneven-aged northern conifer stands / Dale S. Solomon and Robert M. Frank. — Broomall, Pa. : U.S. Dept. of Agriculture, Forest Service, Northeastern Forest Experiment Station, 1983.

17 p. : ill. ; 28 cm. — (Research paper NE ; 517) Bibliography: p. 17. ●Item 83-B (microfiche)

1. Coniferae. 2. Forests and forestry. I. Frank, Robert M. II. Northeastern Forest Experiment Station (Broomall, Pa.) III. Title. IV. Series. OCLC 09314015

83-10622

A 13.78:NE-518

Anderson, R. Bruce.

Furniture rough mill costs evaluated by computer simulation / R. Bruce Anderson. — Broomall, Pa. : U.S. Dept. of Agriculture, Forest Service, Northeastern Forest Experiment Station, 1983.

11 p. : ill. ; 28 cm. — (Resource bulletin NE ; 518) ●Item 83-B

1. Raw materials — United States. 2. Computer simulation. I. Northeastern Forest Experiment Station (Broomall, Pa.) II. Title. III. Series. OCLC 09306479

**83-10623**

**A 13.78:PSW-160**

Smith, Richard H. (Richard Harrison)

Xylem monoterpenes of some hard pines of western North America : three studies / Richard H. Smith. — Berkley, Calif. : U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station, [1982]

7 p. : ill. ; 28 cm. — (Research paper PSW ; 160) "August 1982"—T.p. verso. Bibliography: p. 7. ●Item 83-B (microfiche)

1. Xylem. 2. Pine — North America. I. Pacific Southwest Forest and Range Experiment Station (Berkeley, Calif.) II. Title. III. Series. OCLC 09306299

**83-10624**

**A 13.78:RM-234**

Cord, volume, and weight relationships for small ponderosa pine trees in the Black Hills / Donald C. Markstrom ... [et al.]. — Fort Collins, Colo. : U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station, [1982]

8 p. : ill., 1 map ; 28 cm. — (Research paper RM ; 234) "June 1982"—T.p. verso. Bibliography: p. 8. ●Item 83-B (microfiche)

1. Ponderosa pine. 2. Pulpwood — Black Hills (S.D. and Wyo.) I. Markstrom, Donald C. II. Rocky Mountain Forest and Range Experiment Station (Fort Collins, Colo.) III. Series. OCLC 09306273

**83-10625**

**A 13.78:SE-229**

Control of Heterobasidion annosum colonization in mechanically sheared slash pine stumps treated with Peniophora gigantea. — Asheville, N.C. : U.S. Dept. of Agriculture, Southeastern Forest Experiment Station, Forest Service, [1981]

3 p. ; 28 cm. — (Research paper SE ; 229) "November 1981"—P. [2] of cover. Bibliography: p. 3. ●Item 83-B (microfiche)

1. Pine — Diseases and pests — United States. 2. Root-rot. 3. Biological control systems. I. Southeastern Forest Experiment Station (Asheville, N.C.) II. Series. OCLC 09292977

**83-10626**

**A 13.78:SE-232**

Aboveground biomass of Virginia pine in north Georgia. — Asheville, N.C. : U.S. Dept. of Agriculture, Southeastern Forest Experiment Station, Forest Service, 1982.

32 p. ; 28 cm. — (Research paper SE ; 232) Cover title. "June 1982"—P. [2] of cover. Includes bibliographical references. ●Item 83-B (microfiche)

1. Scrub-pine. 2. Biomass energy — Georgia. I. Southeastern Forest Experiment Station (Asheville, N.C.) II. Series. OCLC 09314198

**83-10627**

**A 13.78:SE-233**

Moore, Gordon.

Infestation pattern and survival of bark beetles in loblolly pines treated with paraquat. — Asheville, N.C. : U.S. Dept. of Agriculture, Southeastern Forest Experiment Station, Forest Service, [1982]

7 p. ; 28 cm. — (Research paper SE ; 233) Cover title. "July 1982"—P. [2] of cover. Bibliography: p. 7. ●Item 83-B (microfiche)

1. Loblolly-pine. 2. Bark-beetles — North Carolina. I. Southeastern Forest Experiment Station (Asheville, N.C.) II. Title. III. Series. OCLC 09306131

**83-10628**

**A 13.78:SE-235**

Multiresource inventories—forest biomass in Florida. — Asheville, N.C. : U.S. Dept. of Agriculture, Southeastern Forest Experiment Station, Forest Service, 1982.

24 p. ; 28 cm. — (Research paper SE ; 235) Cover title. "July 1982"—P. [2] of cover. Bibliography: p. 24. ●Item 83-B (microfiche)

1. Forests and forestry — Florida — Multiple use. I. Southeastern Forest Experiment Station (Asheville, N.C.) II. Series. OCLC 09292773

**83-10629**

**A 13.79:INT-325**

Hoff, R. J. (Raymond J.)

Recommendations for selection and management of seed orchards of western white pine / R.J. Hoff, D.O. Coffen. — Ogden, UT : U.S. Dept. of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station, 1982.

7 p. : ill. ; 28 cm. — (Research note INT ; 325) Caption title. "December 1982." Bibliography: p. 7 ●Item 83-B-4

1. Seed orchards — Idaho. 2. Pinus monticola. 3. Tree planting — Idaho. I. Coffen, D. O. II. Intermountain Forest and Range Experiment Station (Ogden, Utah) III. Title. IV. Series. OCLC 09306013

**83-10630**

**A 13.79:NC-277**

Knighton, M. Dean.

Sulphur content of upland and wetland vegetation in north central Minnesota / M. Dean Knighton. — St. Paul, MN : North Central Forest Experiment Station, Forest Service, U.S.D.A., 1982.

4 p. ; 28 cm. — (Research note NC ; 277) Caption title. Bibliography: p. 2-3. ●Item 83-B

1. Sulphur. 2. Wetlands — Minnesota. I. North Central Forest Experiment Station (Saint Paul, Minn.) II. Title. III. Series. OCLC 09292885

**83-10631**

**A 13.79:NC-280**

Donoghue, Linda R.

Classifying wildfire causes in the USDA Forest Service : problems and alternatives / Linda R. Donoghue. — St. Paul, Minn. : North Central Forest Experiment Station, Forest Service, U.S.D.A., 1982.

5 p. ; 28 cm. — (Research note NC ; 280) Caption title. Includes bibliographical references. ●Item 83-B

1. Wildfires — Prevention and control. I. North Central Forest Experiment Station (Saint Paul, Minn.) II. Title. III. Series. OCLC 09285941

**83-10632**

**A 13.79:NC-291**

Castonguay, Thomas L.

Forest area in eastern South Dakota, 1980 / Thomas L. Castonguay. — St. Paul, MN : North Central Forest Experiment Station, Forest Service, U.S.D.A., 1982.

4 p. : 1 map ; 28 cm. — (Research note NC ; 291) Caption title. ●Item 83-B-4

1. Forests and forestry — South Dakota. 2. Land use — South Dakota. I. North Central Forest Experiment Station (Saint Paul, Minn.) II. Title. III. Series. OCLC 09306029

83-10633

A 13.79:PSW-356

Scowcroft, Paul G.

Distribution and germination of mamane seeds / Paul G. Scowcroft. — Berkeley, Calif. : U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station, [1982]

4 p. : ill. ; 28 cm. — (Research note PSW ; 356) Caption title. "August 1982." Includes bibliographical references. ●Item 83-B

1. Seed distribution. 2. Germination. 3. Forests and forestry — Hawaii. I. Pacific Southwest Forest and Range Experiment Station (Berkeley, Calif.) II. Title. III. Series. OCLC 09293306

83-10634

A 13.79:RM-412

Hawksworth, Frank G., 1926-

Carlos Bates' dwarf mistletoe resistant ponderosa pines: a postscript after half a century / Frank G. Hawksworth and Carleton B. Edminster. — [Fort Collins, Colo.]: USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, [1981]

4 p. : ill. ; 28 cm. — (Research note RM ; 412) Caption title. "September 1981." Bibliography: p. 4. ●Item 83-B (microfiche)

1. Dwarf mistletoe. 2. Parasitic plants — Colorado. 3. Ponderosa pine. I. Edminster, Carleton B. II. Rocky Mountain Forest and Range Experiment Station (Fort Collins, Colo.) III. Title. IV. Series. OCLC 08160561

83-10635

A 13.79:RM-418

Harrington, Michael G.

Stand, fuel, and potential fire behavior characteristics in an irregular south-eastern Arizona ponderosa pine stand / Michael G. Harrington. — [Fort Collins, Colo.] : USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, [1982]

6 p. : ill. ; 28 cm. — (Research note RM ; 418) Caption title. "August 1982." Bibliography: p. 6.

1. Prescribed burning — Arizona. 2. Ponderosa pine. 3. Wildfires — Arizona — Prevention and control. I. Rocky Mountain Forest and Range Experiment Station (Fort Collins, Colo.) II. Title. III. Series. OCLC 09276954

83-10636

A 13.79:RM-420

Stevens, Robert E., 1928-

Implants and sprays for control of ponderosa pine needle miner in foliage of individual trees / Robert E. Stevens and David A. Leatherman. — [Fort Collins, Colo.] : USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, [1982]

4 p. ; 28 cm. — (Research note RM ; 420) Caption title. "August 1982." Bibliography: p. 4.

1. Ponderosa pine — Diseases and pests — Colorado. 2. Pine — Diseases and pests — Colorado. I. Leatherman, David. II. Rocky Mountain Forest and Range Experiment Station (Fort Collins, Colo.) III. Title. IV. Series. OCLC 09277347

83-10637

A 13.79:SO-285

Tiarks, A. E.

Effects of shallow water tables on height growth and phosphorus uptake by loblolly and slash pines / A.E. Tiarks and E. Shoulders. — New Orleans, La. : U.S. Dept. of Agriculture, Forest Service, Southern Forest Experiment Station, 1982.

5 p. : ill. ; 28 cm. — (Research note SO ; 285) Caption title. "November 1982." Bibliography: p. 5.

1. Loblolly-pine. 2. Phosphorus. I. Shoulders, Eugene. II. Southern Forest Experiment Station (New Orleans, La.) III. Title. IV. Series. OCLC 09292847

83-10638

A 13.80:NC-57

Spencer, John S.

The fourth Minnesota forest inventory : timber volumes and projections of timber supply / John S. Spencer, Jr. — St. Paul, Minn. : U.S. Dept. of Agriculture, Forest Service, North Central Forest Experiment Station, 1982.

72 p. : ill., map ; 28 cm. — (Resource bulletin NC ; 57) Cover title. Bibliography: p. 12. ●Item 83-B (microfiche)

1. Timber — Minnesota. 2. Forest reserves — Minnesota. 3. †Timber — Minnesota. 4. †Forest reserves — Minnesota. 5. †Forests and forestry — Minnesota. I. North Central Forest Experiment Station (Saint Paul, Minn.) II. Title. III. Series. OCLC 08753591

83-10639

A 13.80:NC-58

Jakes, Pamela J.

A second look at North Dakota's timber land / Pamela J. Jakes and W. Brad Smith. — St. Paul, Minn. : U.S. Dept. of Agriculture, Forest Service, North Central Forest Experiment Station, 1982.

86 p. : ill., maps ; 28 cm. — (Resource bulletin NC ; 58) Cover title. Includes bibliographical references. ●Item 83-B (microfiche)

1. Timber — North Dakota. I. Smith, W. Brad. II. North Central Forest Experiment Station (Saint Paul, Minn.) III. Title. IV. Series. OCLC 08691599

83-10640

A 13.80:NE-70

Birch, Thomas W.

Land use change in Ohio, 1952 to 1979 / Thomas W. Birch, Eric H. Wharton. — Broomall, Pa. : U.S. Dept. of Agriculture, Forest Service, Northeastern Forest Experiment Station, 1982.

24 p. : ill., maps ; 28 cm. — (Resource bulletin NE ; 70) Cover title. Bibliography: p. 13. ●Item 83-B (microfiche)

1. Land use — Ohio. I. Wharton, Eric H. II. Northeastern Forest Experiment Station (Broomall, Pa.) III. Title. IV. Series. OCLC 09306170

83-10641

A 13.80:NE-71

Considine, Thomas J.

Forest statistics for New York, 1980 / Thomas J. Considine, Jr., Thomas S. Frieswyk. — Broomall, Pa. : U.S. Dept. of Agriculture, Forest Service, Northeastern Station [sic] ; [Albany, N.Y.] : New York State Dept. of Environmental Conservation, 1982.

118 p. : ill., 1 map ; 28 cm. — (Resource bulletin NE ; 71) Cover title. Chiefly tables. Bibliography: p. 110. ●Item 83-B (microfiche)

1. Forests and forestry — New York (State) — Statistics. I. Frieswyk, Thomas S. II. Northeastern Forest Experiment Station (Broomall, Pa.) III. New York (State). Dept. of Environmental Conservation. IV. Title. V. Series. 82-603254 OCLC 09313425

## Forest Service — Agriculture Dept.

**83-10642**

**A 13.80:NE-72**

Pulpwood production and receipts in the Northeast / United States Department of Agriculture, Forest Service, Northeastern Station. [Broomall, Pa.?] : The Station, U.S. Dept. of Agriculture, Forest Service, Northeastern Forest Experiment Station, 370 Reed Rd., Broomall, Pa. 19008

v. ; 28 cm. (Resource bulletin NE ; 72)

Annual Title from cover. 1980. Description based on: 1980. ●Item 83-B (microfiche) Main series: Resource bulletin NE Continues: Pulpwood production in the Northeast

1. Pulpwood industry — Northeastern States — Statistics — Periodicals. I. Northeastern Forest Experiment Station (Broomall, Pa.) II. Series. OCLC 09231855

**83-10643**

**A 13.80:NE-75**

Dennis, Donald F.

An analysis of Ohio's forest resources / Donald F. Dennis. — Broomall, Pa. : U.S. Dept. of Agriculture, Forest Service, Northeastern Forest Experiment Station, 1983.

46 p. : ill., 1 map ; 28 cm. — (Resource bulletin NE ; 75) Cover title. Bibliography: p. 41. ●Item 83-B-5

1. Forests and forestry — Ohio. I. Northeastern Forest Experiment Station (Broomall, Pa.) II. Title. III. Series. OCLC 09306250

**83-10644**

**A 13.80:PNW-95**

Hegg, Karl M.

Timber resource statistics for the Kantishna block, Tanana inventory unit, Alaska, 1973 / Karl M. Hegg. — Portland, Or. : U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station, [1982]

32 p. : ill., 1 map ; 28 cm. — (Resource bulletin PNW ; 95) Cover title. "March 1982." Bibliography: p. 32. ●Item 83-B (microfiche)

1. Forests and forestry — Alaska — Statistics. 2. Timber — Alaska — Statistics. I. Pacific Northwest Forest and Range Experiment Station (Portland, Or.) II. Title. III. Series. OCLC 09285969

**83-10645**

**A 13.80:PNW-96**

Bassett, Patricia M.

Timber resource statistics for the Puget Sound area, Washington / Patricia M. Bassett and Daniel D. Oswald. — Portland, Or. : U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station, [1982]

31 p. : 1 map ; 28 cm. — (Resource bulletin PNW ; 96) Cover title. "March 1982." ●Item 83-B (microfiche)

1. Timber — Washington (State) — Puget Sound Region — Statistics. I. Oswald, Daniel D. II. Pacific Northwest Forest and Range Experiment Station (Portland, Or.) III. Title. IV. Series. OCLC 08704096

**83-10646**

**A 13.82/2:H 99/3**

How to grow and use hybrid poplar firewood / prepared by Forest Service, North Central Forest Experiment Station. — [Washington, D.C.?] : U.S. Dept. of Agriculture ; St. Paul, Minn. : Available from North Central Forest Experiment Station ; Broomall, Pa. : Available from NA State & Private Forestry, 1982.

1 folded sheet (6) p. : ill. ; 23 x 10 cm. "HT-54"—P. [7]. ●Item 84

1. Fuelwood. I. United States. Dept. of Agriculture. II. North Central Forest Experiment Station (Saint Paul, Minn.) OCLC 09309578

**83-10647**

**A 13.82/2:In 5**

Ostry, Michael E.

How to identify ink spot of poplars / prepared by Forest Service, North Central Forest Experiment Station. — Washington, D.C. : U.S. Dept. of Agriculture ; St. Paul, Minn. : Available from North Central Forest Experiment Station ; Broomall, Pa. : Available from NA State & Private Forestry, 1982.

1 folded sheet [6] p. : ill. ; 23 x 10 cm. ●Item 84

1. Poplar — Diseases and pests — United States. I. North Central Forest Experiment Station (Saint Paul, Minn.) II. Title. OCLC 09309609

**83-10648**

**A 13.82/2:L 97**

How to dry small quantities of lumber / prepared by Forest Service, North Central Forest Experiment Station. — [Washington, D.C.?] : U.S. Dept. of Agriculture ; St. Paul, Minn. : Available from North Central Forest Experiment Station ; Broomall, Pa. : Available from NA State & Private Forestry, 1982.

[4] p. : ill. ; 23 x 10 cm. "HT-56"—P. [4]. ●Item 84

1. Lumber — Drying. I. North Central Forest Experiment Station (Saint Paul, Minn.) OCLC 09309628

**83-10649**

**A 13.82/2:P 81/2**

How to identify and prevent injury to poplars caused by cytospora, phomopsis, and dothichiza / prepared by Forest Service, North Central Forest Experiment Station. — [Washington, D.C.?] : U.S. Dept. of Agriculture ; St. Paul, Minn. : Available from North Central Forest Experiment Station ; Broomall, Pa. : Available from NA State & Private Forestry, 1982.

[8] p. : col. ill. ; 23 x 10 cm. "HT-57"—P. [7]. ●Item 84

1. Poplar — Diseases and pests. I. North Central Forest Experiment Station (Saint Paul, Minn.) OCLC 09309593

**83-10650**

**A 13.82/9:982**

North Central Forest Experiment Station (Saint Paul, Minn.)

List of publications / United States Department of Agriculture, Forest Service, North Central Forest Experiment Station. [St. Paul, Minn.] : The Station, [1981?- North Central Forest Experiment Station, 1992 Folwell Ave., St. Paul, Minn. 55108

v. ; 28 cm.

Annual

Jan.-Sept. 1981- Title from cover. Oct. 1981-Sept. 1982. ●Item 79-E Continues: North Central Forest Experiment Station (Saint Paul, Minn.). Publications

1. Forests and forestry — United States — Bibliography — Periodicals. I. Title. OCLC 08832825

**83-10651**

**A 13.83:977**

Annual grazing statistical report. Use summary / United States Department of Agriculture, Forest Service, Range Management Staff. Washington, D.C. : The Staff, U.S. Dept. of Agriculture, Forest Service, Range Management Staff, Washington, D.C. 20013

v. ; 28 cm.

Annual Title from cover. 1977. Description based on: 1977. Vol. for Aug. 1976 was issued by the U.S. Dept. of Agriculture, Forest Service. ●Item 83-C-02 (microfiche) ISSN 0091-438X

1. Grazing — United States — Statistics — Periodicals. 2. Forest reserves — United States — Statistics — Periodicals. I. United States. Forest Service. Range Management Staff.

Key Title: Annual grazing statistical report SD427.G8U54a 77-640543 //r83 OCLC 02641526

**83-10652**

**A 13.83:979**

Annual grazing statistical report. Use summary / United States Department of Agriculture, Forest Service, Range Management Staff. Washington, D.C. : The Staff, U.S. Dept. of Agriculture, Forest Service, Range Management Staff, Washington, D.C. 20013

v. ; 28 cm.

Annual Title from cover. 1979. Description based on: 1978. Vols. for (Aug. 1976)-197 were issued by the U.S. Dept. of Agriculture, Forest Service. ●Item 83-C-02 (microfiche) ISSN 0091-438X

1. Grazing — United States — Statistics — Periodicals. 2. Forest reserves — United States — Statistics — Periodicals. I. United States. Forest Service. Range Management Staff. Key Title: Annual grazing statistical report SD427.G8U54a 77-640543 //r83 OCLC 02641526

**83-10653**

**A 13.87/2:00003**

Williams, Owen R.

Giardia and the waterborne transmission of giardiasis : a general review / developed by Owen R. Williams. — Fort Collins, Colo. : Watershed Systems Development Group, USDA Forest Service, 1981.

25 p. : ill. ; 28 cm. — (WSDG report ; WSDG-TP-00003) Cover title. "September 1981." Bibliography: p. 22-25. ●Item 83-B-1 (microfiche)

1. Giardiasis. I. United States. Forest Service. Watershed Systems Development Group. II. Title. III. Series: WSDG technical paper ; WSDG-TP-00003. OCLC 09271516

**83-10654**

**A 13.88:INT-134**

Blaisdell, James Pershing, 1918-

Managing Intermountain rangelands : sagebrush-grass ranges / James P. Blaisdell, Robert B. Murray, E. Durant McArthur. — Ogden, UT : U.S. Dept. of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station, 1982.

41 p. : ill. ; 28 cm. — (General technical report INT ; 134) Cover title. "October 1982." Bibliography: p. 34-37. ●Item 83-B (microfiche)

1. Range management — Northwest, Pacific. 2. Sagebrush. 3. Grasses. I. Murray, Robert B. (Robert Burns), 1931- II. McArthur, E. Durant. III. Intermountain Forest and Range Experiment Station (Ogden, Utah) IV. Title. V. Series. OCLC 09288878

**83-10655**

**A 13.88:INT-135**

Cole, David N.

Managing campfire impacts in the backcountry / David N. Cole and John Dalle-Molle. — Ogden, UT : U.S. Dept. of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station, 1982.

16 p. : ill. ; 28 cm. — (General technical report INT ; 135) "November 1982." Bibliography: p. 15-16. ●Item 83-B (microfiche)

1. Campfires. I. Dalle-Molle, John. II. Intermountain Forest and Range Experiment Station (Ogden, Utah) III. Title. IV. Series. OCLC 09288895

**83-10656**

**A 13.88:INT-136**

Ffolliott, Peter F.

Understory-overstory vegetation relationships : an annotated bibliography / Peter F. Ffolliott and Warren P. Clary. — Ogden, UT : U.S. Dept. of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station, 1982.

39 p. : 1 map ; 28 cm. — (General technical report INT ; 136) Caption title. "November 1982." Includes index. ●Item 83-B

1. Water resources development — Unitted States — Bibliography. I. Clary, Warren P. II. Intermountain Forest and Range Experiment Station (Ogden, Utah) III. Title. IV. Series. OCLC 09306422

**83-10657**

**A 13.88:NE-60**

Abstracts of urban forestry research in progress, 1979 / compiled by Rowan A. Rowntree, Judith L. Wolfe. — Broomall, Pa. : Northeastern Forest Experiment Station, Forest Service, U.S. Dept. of Agriculture, [1980]

72 p. ; 26 cm. — (USDA Forest Service general technical report NE ; 60) "Urban Forest Research Project, USDA Forest Service, Northeastern Forest Experiment Station, and the State University of New York, College of Environmental Science and Forestry, in cooperation with the Pinchot Institute for Conservation Studies, USDA Forest Service"— Cover. "September 1980." Includes bibliographical references. ●Item 83-B

1. Forests and forestry — Abstracts. I. Rowntree, Rowan A. II. Wolfe, Judith L. III. Northeastern Forest Experiment Station (Broomall, Pa.) IV. College of Environmental Science and Forestry. V. Pinchot Institute for Conservation Studies. VI. Series. OCLC 07256475

**83-10658**

**A 13.88:PNW-131**

Maxwell, Wayne G.

Fuels and fire in land-management planning / Wayne G. Maxwell and Franklin R. Ward. — Portland, Or. : b U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station, [1981-

v. : ill. ; 28 cm. — (General technical report PNW ; 131) "July 1981." Contents: pt. 1. Forest-fuel classification. ●Item 83-B (microfiche)

1. Land use — Planning — United States. 2. Fuel — United States. I. Ward, Franklin R. II. Pacific Northwest Forest and Range Experiment Station (Portland, Or.) III. Title. IV. Series. OCLC 09314395

**83-10659**

**A 13.88:PNW-137**

Silen, Roy R.

Nitrogen, corn, and forest genetics : the agricultural yield strategy-implications for Douglas-fir management / Roy R. Silen. — Portland, Or. : U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station, 1982.

20 p. : ill. ; 28 cm. — (General technical report PNW ; 137) "June 1982." Includes bibliographical references. ●Item 83-B (microfiche)

1. Forest genetics. 2. Douglas fir. I. Pacific Northwest Forest and Range Experiment Station (Portland, Or.) II. Title. III. Series. OCLC 09292811

**83-10660**

**A 13.88:PNW-144**

Aho, Paul E.

Indicators of cull in western Oregon conifers / Paul E. Aho. — Portland, Or. : U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station, 1982.

17 p. : col. ill. ; 28 cm. — (General technical report PNW ; 144) "September 1982." Bibliography: p. 16. ●Item 83-B-6

1. Forests and forestry — Oregon — Mensuration. 2. Forests and forestry — Oregon — Valuation. I. Pacific Northwest Forest and Range Experiment Station (Portland, Or.) II. Title. III. Series. OCLC 09314355

**83-10661**

**A 13.88:PSW-39**

Ferrell, George T.

Risk-rating systems for mature red fir and white fir in northern California / George T. Ferrell. — Berkeley, Calif. : U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station, [1980]

29 p. : ill. (some col.) ; 22 cm. — (General technical report PSW ; 39) Cover title. "January 1980"—P. [2] of cover. Bibliography: p. 20-21. ●Item 83-B

1. Fir — California. I. Pacific Southwest Forest and Range Experiment Station (Berkeley, Calif.) II. Title. III. Series. OCLC 09313329

**83-10662**

**A 13.88:WO-34**

Toward wiser use of our forests and rangelands : 1981 research accomplishments. — [Washington, D.C.] : U.S. Dept. of Agriculture, Forest Service, 1982.

iii, 154 p. : ill., 1 map ; 22 x 28 cm. — (General technical report WO ; 34) "August 1982." Bibliography: p. 52-153. ●Item 83-B (microfiche)

1. Forest management — United States. I. United States. Forest Service. II. Series. OCLC 09277004

**83-10663**

**A 13.92/2:Ar 1**

Draft report : Vasquez Peak Wilderness study area : Arapaho and Roosevelt National Forest, Sulphur Ranger District, Grand County, Colorado. — Steamboat Springs, Colo. : U.S. Dept. of Agriculture, Forest Service, 1982.

46 p. in various pagings : maps ; 28 cm. Cover title: Draft report, Vasquez Peak Wilderness study area, Sulphur Ranger District, Arapaho and Roosevelt National Forest, Grand County, Colorado. "August 1982." ●Item 80-F

1. Wilderness areas — Colorado — Arapaho National Forest. 2. Wilderness areas — Colorado — Roosevelt National Forest. 3. Arapaho National Forest (Colo.) 4. Roosevelt National Forest (Colo.) I. United States. Forest Service. II. Title: Vasquez Peak Wilderness study area, Arapaho and Roosevelt National Forest, Sulphur Ranger District, Grand County, Colorado. OCLC 09288914

**83-10664**

**A 13.92/2:B 86**

Wilderness study report, Buffalo Peaks wilderness study area : Pike and San Isabel National Forests, Colorado. — Pueblo, Colo. : U.S. Dept. of Agriculture, Forest Service, [1982?]

iii, 63 p. : maps ; 28 cm. Cover title: Buffalo Peaks wilderness study area report, Pike & San Isabel National Forests. ●Item 80-F

1. Wilderness areas — Colorado — Pike National Forest. 2. Wilderness areas — Colorado — San Isabel National Forest. I. United States. Forest Service. II. Title: Buffalo Peaks wilderness study area report, Pike & San Isabel National Forests. OCLC 08839388

**83-10665**

**A 13.92/2:R 76**

Draft environmental impact statement : Routt National Forest. — Steamboat Springs, Colo. : U.S. Dept. of Agriculture, Forest Service, 1982.

1 v. (various pagings) : ill., maps ; 28 cm. Cover title. Three folded maps in pocket. Bibliography: p. B-1 - B-4. Includes glossary. ●Item 80-F

1. Forest management — Colorado — Routt National Forest. 2. Conservation of natural resources — Colorado — Routt National Forest. I. United States. Forest Service. OCLC 09224034

## SOIL CONSERVATION SERVICE
## Agriculture Dept.
## Washington, DC 20250

**83-10666**

**A 57.2:D 83**

Are you ready for the next drought? — Bozeman, Mont. : U.S. Dept. of Agriculture, Soil Conservation Service, [1982]

[10] p. : ill. ; 14 x 22 cm. "September 1982"—P. [10] ●Item 120

1. Droughts — United States. I. United States. Soil Conservation Service. OCLC 09306630

**83-10667**

**A 57.38:B 66/4**

Soil survey of Bourbon and Nicholas Counties, Kentucky / United States Department of Agriculture, Soil Conservation Service ; in cooperation with Kentucky Department for Natural Resources and Environmental Protection and Kentucky Agricultural Experiment Station. — [Washington, D.C.?] : The Service, 1982.

viii, 109 p., 40 p. of plates : ill., maps (2 col.) ; 28 cm. Cover title. "Issued October 1982"—P. iii. Bibliography: p. 69. ●Item 102-B-17

1. Soils — Kentucky — Bourbon County — Maps. 2. Soils — Kentucky — Nicholas County — Maps. I. United States. Soil Conservation Service. II. Kentucky. Dept. for Natural Resources and Environmental Protection. III. Kentucky Agricultural Experiment Station. 82-603658 OCLC 09095092

**83-10668**

**A 57.38:J 35/12**

Spivey, Lawson D.

Soil survey of Jefferson County, Alabama. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Soil Conservation Service, 1982.

vii, 140 p. : ill., maps ; 28 cm. 24 folded maps (1 col.) in case ; 31 cm. Cover title. "In cooperation with Alabama Agricultural Experiment Station ... [et al.]." "Issued August 1982"—P. iii. Bibliography: p. 77. ●Item 102-B-1

1. Soils — Alabama — Jefferson County — Maps. I. United States. Soil Conservation Service. II. Auburn University. Agricultural Experiment Station. 82-603380 OCLC 08980135

**83-10669**

**A 57.38:St 4/6**

Soil survey of Stevens County, Washington. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Soil Conservation Service, 1982.

xi, 459 p. : ill., maps (1 col.) ; 28 cm. 154 folded maps and 2 indexes in case ; 31 cm. Cover title. "In cooperation with Forest Service, United States Department of the Interior, Bureau of Indian Affairs, Washington State Department of Natural Resources, and Washington State University, Agri-

cultural Research Center." "Issued July 1982"—P. iv. Bibliography: p. 275. ●Item 102-B-47

1. Soils — Washington — Stevens County — Maps. I. United States. Soil Conservation Service. II. United States. Forest Service. III. United States. Bureau of Indian Affairs. IV. Washington (State). Dept. of Natural Resources. V. Washington State University. Agriculture Research Center. VI. Title. 82-603062 OCLC 08911451

**83-10670**

**A 57.38:T 85**

Kunze, Bruce O.

Soil survey of Turner County, South Dakota / United States Department of Agriculture, Soil Conservation Service ; in cooperation with South Dakota Agricultural Experiment Station. — [Washington, D.C.?] : The Service, 1982.

vii, 147 p., 50 p. of plates : ill., maps (1 col.) ; 28 cm. Cover title. "Issued November 1982"—P. iii. Bibliography: p. 83. ●Item 102-B-41

1. Soils — South Dakota — Turner County — Maps. I. United States. Soil Conservation Service. II. South Dakota Agricultural Experiment Station. III. Title. 82-603760 OCLC 09177116

**83-10671**

**A 57.54:B 54/981**

Annual technical report / United States Department of Agriculture, Soil Conservation Service, Bismarck Plant Materials Center. Bismarck, N.D. : The Center, Bismarck Plant Materials Center, Bismarck, N.D.

v. ; 28 cm.

Annual Title from cover. 1981. Description based on: 1981. ●Item 121-B-1 (microfiche)

1. Soil conservation — United States — Periodicals. 2. Plants, Useful — United States — Periodicals. I. Bismarck Plant Materials Center (U.S.) OCLC 09244137

## FEDERAL CROP INSURANCE CORPORATION
### Agriculture Dept.
### Washington, DC 20250

**83-10672**

**A 62.2:W 56/9**

All-risk insurance wheat. — [Washington, D.C.?] : U.S. Dept. of Agriculture, [1982]

1 folded sheet (8) p. : col. ill. ; 23 x 10 cm. "Federal Crop Insurance Corporation." "July 1982"—P. [5]. ●Item 71

1. Insurance, Agricultural — Crops. 2. Wheat. I. Federal Crop Insurance Corporation. OCLC 09301599

## FOREIGN AGRICULTURAL SERVICE
### Agriculture Dept.
### Washington, DC 20250

**83-10673**

**A 67.2:Sa 3/981**

FAS USA sales aids for food exporters. — Rev. July 1981. — Washington, D.C. : U.S. Dept. of Agriculture, Foreign Agricultural Service, 1981.

[12] p. : ill. ; 23 x 10 cm. "July 1981." ●Item 77

1. Export sales — United States. 2. Farm produce — United States — Marketing. 3. Selling — Food. I. United States. Foreign Agricultural Service. II. Title: Sales aids for food exporters. OCLC 09313369

## RURAL ELECTRIFICATION ADMINISTRATION
### Agriculture Dept.
### Washington, DC 20250

**83-10674**

**A 68.1/2:981**

Statistical report. Rural electric borrowers / United States Department of Agriculture, Rural Electrification Administration. [Washington, D.C.] : The Administration, 1981- U.S. Dept. of Agriculture, Rural Electrification Administration, Washington, D.C. 20250

v. ; 28 cm. (REA bulletin ; no. 1-1)

Annual

1980- Title from cover. 1981. ●Item 115 (microfiche) Main series: REA bulletin Continues: Annual statistical report. Rural electric borrowers (Washington, D.C. : 1971)

1. Rural electrification — United States — Statistics — Periodicals. 2. Interconnected electric utility systems — United States — Statistics — Periodicals. I. United States. Rural Electrification Administration. II. Series: REA bulletin ; 1-1. HD9688.U5A55 82-641397 338.7/621393/0973 OCLC 08225439

**83-10675**

**A 68.1/4:981**

Annual report of energy purchased by REA borrowers / United States Department of Agriculture. [Washington, D.C. : U.S. Dept. of Agriculture, Rural Electrification Administration, U.S. Dept. of Agriculture, Rural Electrification Administration, Washington, D.C. 20250

v. : ill. ; 26-29 cm. ((1959/60)-1979: REA bulletin ; 111-2) Began with 1935/36. Title from cover. Issues prior to 1980 were classed: A 68.3:111-2/ 43rd, calendar year 1981. Description based on: 40th (calendar year ended Dec. 31, 1978) Vol. for 1935/36 covers period from May 11, 1935 to Dec. 31, 1936. ●Item 115 (microfiche) ISSN 0272-2372 Main series: REA bulletin

1. Electricity in agriculture — Statistics — Periodicals. 2. Rural electrification — United States — Statistics — Periodicals. I. United States. Dept. of Agriculture. II. United States. Rural Electrification Administration. III. Series: REA bulletin ; 111-2. PAR 52-064400 //r82 OCLC 01215024

**83-10676**

**A 68.2:L 78/4**

REA loans and loan guarantees for rural electric and telephone service. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Rural Electrification Administration, [1983]

10 p. : ill. ; 23 x 10 cm. "January 1983"—P. 2. ●Item 116

1. Rural electrification — United States. 2. Telephone — United States. 3. Government lending — United States. I. United States. Rural Electrification Administration. OCLC 09309641

## AGRICULTURAL RESEARCH SERVICE
### Agriculture Dept.
### Washington, DC 20250

**83-10677**

**A 77.30:NC-22**

U.S. Grain Marketing Research Laboratory.

Summary progress report / U.S. Grain Marketing Research Laboratory. Manhattan, Kan. : The Laboratory, U.S. Grain Marketing Research Laboratory, 1515 College Ave., Manhattan, Kan. 66502

v. ; 27 cm. (Agricultural reviews and manuals. ARM-NC ; 22)

Annual Title from cover. 1981. Description based on: 1978. ●Item 22-A-5 (microfiche) ISSN 0277-2191 Main series: Agricultural reviews and manuals. ARM-NC

1. U.S. Grain Marketing Research Laboratory — Periodicals. Key Title: Summary progress report - U.S. Grain Marketing Research Laboratory I. Title. II. Series. HD9031.U16a 81-641719 633.1/072073 OCLC 07267670

83-10678

A 77.32:S-11

Nutrient content of grasses growing on four range sites in south Texas. — New Orleans, La. : U.S. Dept. of Agriculture, Agricultural Research Service ; Weslaco, Tex. : Soil and Water Conservation Research, Agricultural Research Service [distributor], 1982.

iv, 20 p. : ill., 1 map ; 26 cm. — (Agricultural research results. ARR-S ; 11) "July 1982." Bibliography: p. 19-20. ●Item 22-A-8 (microfiche)

1. Grasses — Texas. 2. Plants — Nutrition. I. United States. Agricultural Research Service. II. Series. OCLC 09306056

## AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE
### Agriculture Dept.
### Washington, DC 20250

83-10679

A 82.2:D 63/3/979

Feed grain, wheat, upland cotton and rice programs / United States Department of Agriculture, Agricultural Stabilization and Conservation Service. [Washington, D.C.] : The Service : [For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 22 x 28 cm.

Annual

$5.50

Began with 1976. Title from cover. Title varies slightly. 1979. Description based on: 1979. Vols. for 1976-197 prepared by Management Services Division in collaboration with other appropriate divisions. Formed by the union of: Feed grains, wheat and upland cotton program disaster provisions, ISSN 0360-8948 and: Rice programs, disaster and deficiency. ●Item 106 S/N 001-000-04214-9 ISSN 0193-948X

1. Feed grain program — Statistics — Periodicals. 2. Wheat — United States — Statistics — Periodicals. 3. Cotton growing — United States — Statistics — Periodicals. 4. Rice — United States — Statistics — Periodicals. 5. Disaster relief — United States — Statistics — Periodicals. I. United States. Agricultural Stabilization and Conservation Service. II. United States. Agricultural Stabilization and Conservation Service. Management Services Division. Key Title: Feed grain, wheat, upland cotton and rice programs, disaster and deficiency provisions HD1751.A9322h 79-643755 //r83 338.1/873 OCLC 03803214

## AGRICULTURAL MARKETING SERVICE
### Agriculture Dept.
### Washington, DC 20250

83-10680

A 88.6/2:T 591/8

United States standards for grades of fresh tomatoes : effective December 1, 1973, as amended November 29, 1973, February 1, 1975, and April 15, 1976. — Washington, D.C. : U.S. Dept. of Agriculture, Agricultural Marketing Service, [1976?]

10 p. : ill. ; 22 cm. ●Item 68-A

1. Tomatoes — United States — Grading. 2. Tomatoes — Standards — United States. I. United States. Agricultural Marketing Service. OCLC 09313390

83-10681

A 88.34/8:981

Tobacco market review. Fire-cured and dark air-cured / United States Department of Agriculture, Agricultural Marketing Service. [Washington, D.C.] : The Service, U.S. Dept. of Agriculture, Agricultural Marketing Service, Washington, D.C. 20250

v. : ill. ; 26-28 cm.

Annual

Began with 1974/75. Title from cover. "TOB-FDA-25." 1981 crop. Description based on: 1980 crop (1980-81 season) ●Item 24-D (microfiche) ISSN 0272-2771 Continues: Fire-cured and dark air-cured tobacco market review ISSN 0498-2150

1. Tobacco industry — United States — Statistics — Periodicals. I. United States. Agricultural Marketing Service. HD9134.A38182 80-647815 //r812 338.1/7371 OCLC 04166118

## STATISTICAL REPORTING SERVICE
### Agriculture Dept.
### Washington, DC 20250

83-10682

A 92.24/2:983

Crop production. Prospective plantings / Crop Reporting Board, Statistical Reporting Service, U.S. Department of Agriculture. Washington, D.C. : The Board : [Supt. of Docs., U.S. G.P.O., 1983- Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 28 cm.

Annual

$29.00 (U.S., included with monthly Crop production, seasonal reports: Acreage, Small grain, and annual report) $36.25 (foreign)

Feb. 17, 1983- Caption title. "CrPr 2-4 (2-83)" Single copies available from: Crop Reporting Board Publications, Rm. 5329, S. Bldg., USDA, Washington, D.C. 20250 Feb. 17, 1983. ●Item 20-B-3 (microfiche) S/N 001-028-80029-1 Continues: Prospective plantings (Washington, D.C.) ISSN 0163-3406

1. Agriculture — United States — Statistics — Periodicals. 2. Field crops — United States — Statistics — Periodicals. I. United States. Crop Reporting Board. OCLC 09294502

## ANIMAL AND PLANT HEALTH INSPECTION SERVICE
### Agriculture Dept.
### Washington, DC 20250

83-10683

A 101.2:An 5/982

Veterinary services : protecting America's animal health. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Animal and Plant Health Inspection Service, 1982.

34, [2] p. : ill., 1 map ; 22 cm. "Supersedes Protecting America's Animal Health, issued March 1977 and Veterinary Services, issued March 1980"—P. [36] "Issued September 1982"—P. [36] ●Item 30-A-5

1. Veterinary medicine — United States. 2. †Veterinary medicine — United States. I. United States. Animal and Plant Health Inspection Service. OCLC 09169198

83-10684

A 101.8:Sw 6

Field guide for enforcement of the swine health protection act. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Animal and Plant Health Inspection Service, Veterinary Services, 1982.

9 p. ; 28 cm. "November 1982." ●Item 30-A-3

1. Swine — United States — Physiology. 2. Health — Protection — United States. I. United States. Animal and Plant Health Inspection Service. Veterinary Services. OCLC 09277725

83-10685

A 101.10/2:91-40/2

National poultry improvement plan and auxiliary provisions. — Beltsville, Md. : U.S. Dept. of Agriculture, Animal and Plant Health Inspection Service, Veterinary Services, [1982]

57 p. : ill. ; 22 cm. "May 1982." Includes bibliographical references. "APHIS 91-40." ●Item 30-A-1 (microfiche)

1. National poultry improvement plan. I. United States. Animal and Plant Health Inspection Service. Veterinary Services. OCLC 09309665

## FEDERAL GRAIN INSPECTION SERVICE
## Agriculture Dept.
## Washington, DC 20250

83-10686

A 104.8:R 36

Rice inspection handbook. — Washington, D.C. : U.S. Dept. of Agriculture, Federal Grain Inspection Service, 1982-

v. (loose-leaf) : ill. ; 28 cm. Cover title. "Includes changes through May 20, 1982." Bibliography: p. 1-1. ●Item 31-B-2

1. Rice — Handbooks, manuals, etc. I. United States. Federal Grain Inspection Service. OCLC 09223599

## SCIENCE AND EDUCATION ADMINISTRATION
## Agriculture Dept.
## Washington, DC 20250

83-10687

A 106.2:D 62

Directory of training and development opportunities / United States Department of Agriculture, Science and Education Administration, Personnel Division, Human Resources Development Branch. [Hyattsville, MD] : The Branch, USDA, SEA, PD-HRDB, Rm. 502, Federal Bldg., Hyattsville, MD 20782

v. ; 28 cm.

Annual Title from cover. June 1981. Description based on: June 1981. ●Item 22-A-3

1. United States. Science and Education Administration — Officials and employees — Directories. 2. Employees, Training of — United States — Directories. I. United States. Science and Education Administration. Human Resources Development Branch. OCLC 09266503

83-10688

A 106.12:H-8
A 106.12:H-9
A 106.12:H-10

Inventory of agricultural research / issued by Technical Information Systems, Science and Education Administration, U.S. Department of Agriculture. Beltsville, Md. : The Systems, Technical Information Systems, Science and Education Administration, U.S. Dept. of Agriculture, Beltsville, Md. 20705

v. ; 28 cm. (1977, v. 1-3, Agricultural reviews and manuals. Headquarters series) (Agricultural reviews and manuals. H ; 8-10)

Annual Issues prior to FY 1977 were classed: A 94.2:In 8/ Fiscal year 1978, v. 1-3. Description based on: FY 1978, v. 1. Contents: v. 1. Tables 1A-B. Funding and scientist year data for USDA research agencies, state agricultural experiment stations, forestry schools, and other cooperating institutions by research problem area totals —v. 2. Tables 2-4. Funding and scientist year data for USDA research agencies, state agricultural experiment stations, forestry schools, and other cooperating institutions - by commodity or resource and by the research problem area — v. 3. Table 5. Scientist years by research program group (RPG) and research program (RP) Issues for ⟨1973-⟩ published in two or more volumes. Vols. for -FY 1976 were issued by the Cooperative State Research Service. ●Item 22-A-5 ISSN 0360-5841 Main series: Agricultural reviews and manuals. Headquarters series Main series: Agricultural reviews and manuals. H

1. Agricultural research — United States — Statistics — Periodicals. I. Technical Information Systems (U.S.) II. United States. Cooperative State Research Service. III. Series. IV. Series: Agricultural reviews and manuals. Headquarters series S541.U6524a 79-644640 //r822 338.1/072073 OCLC 04791832

83-10689

A 106.12:NC-1

U.S. Grain Marketing Research Laboratory.

Summary progress report / U.S. Grain Marketing Research Laboratory. Manhattan, Kan. : The Laboratory, U.S. Grain Marketing Research Laboratory, 1515 College Ave., Manhattan, Kan. 66502

v. ; 27 cm. (Agricultural reviews and manuals. ARM-NC ; 1)

Annual Title from cover. 1978. Description based on: 1978. ●Item 22-A-5 (microfiche) ISSN 0277-2191 Main series: Agricultural reviews and manuals. ARM-NC

1. U.S. Grain Marketing Research Laboratory — Periodicals. Key Title: Summary progress report - U.S. Grain Marketing Research Laboratory I. Title. II. Series. HD9031.U16a 81-641719 633.1/072073 OCLC 07267670

83-10690

A 106.12:NC-15

U.S. Grain Marketing Research Laboratory.

Summary progress report / U.S. Grain Marketing Research Laboratory. Manhattan, Kan. : The Laboratory, U.S. Grain Marketing Research Laboratory, 1515 College Ave., Manhattan, Kan. 66502

v. ; 27 cm. (Agricultural reviews and manuals. ARM-NC ; 15)

Annual Title from cover. 1980. Description based on: 1978. ●Item 22-A-5 (microfiche) ISSN 0277-2191 Main series: Agricultural reviews and manuals. ARM-NC

1. U.S. Grain Marketing Research Laboratory — Periodicals. Key Title: Summary progress report - U.S. Grain Marketing Research Laboratory I. Title. II. Series. HD9031.U16a 81-641719 633.1/072073 OCLC 07267670

83-10691

A 106.16/2:980

United States. Science and Education Administration.

Annual inventory of available USDA publications ... for state and county extension offices in ordering USDA publications / Science and Education Administration and Office of Governmental and Public Affairs, U.S. Dept. of Agriculture and state land-grant colleges cooperating. [Washington, D.C.] : The Administration, Publications Requests and Distribution, Information Staff, Science and Education Administration, U.S. Dept. of Agriclture, Washington, D.C. 20250

v. ; 27 cm. Title from cover. 1980. Description based on: 1980. Vols. for ⟨1980-⟩ prepared by the Science and Education Administration's Information Staff. ●Item 22-A-4

1. United States. Dept. of Agriculture — Bibliography — Periodicals. 2. Agricultural extension work — Bibliography — Periodicals. I. United States. Science and Education Administration. Information Staff. II. United States. Dept. of Agriculture. Office of Governmental and Public Affairs. III. Title. OCLC 07891368

83-10692

A 106.27:978-79

Sugarcane variety tests in Florida / Science and Education Administration, U.S. Department of Agriculture. New Orleans, La. : Agricultural Research (Southern Region), Science and Education Administration, U.S. Dept. of Agriculture, Agricultural Research (Southern Region), Science and Education Administration, U.S. Dept. of Agriculture, P.O. Box 53326, New Orleans, La. 70153

v. ; 26 cm.

Annual Title from cover. 1978-79 harvest season. Description based on: 1978-79 harvest season. Vols. for 19 — 976-77 published by the U.S. Agricultural Research Service, Southern Region; 1977-78 by the Office of the Regional Administrator for Federal Research (Southern Region), Science and Education Administration, U.S. Department of Agriculture. ISSN 0193-9521

1. Sugar cane — Florida — Field experiments — Periodicals. 2. Sugar cane — Florida — Varieties — Periodicals. I. United States. Science and Education Administration. II. United States. Science and Education Administration. Agricultural Research. Southern Region. III. United States. Science and Education Administration. Office of the Regional Administrator for Federal Research (Southern Region) IV. United States. Agricultural Research Service. Southern Region. OCLC 05294202

83-10693

A 106.40:978

United States. Animal Health Science Research Advisory Board.

Annual report / Animal Health Science Research Advisory Board. [Washington, D.C.?] : U.S. Dept. of Agriculture, Science and Education Administration, U.S. Dept. of Agriculture, Science and Education Administration, Washington, D.C. 20250

v. ; 28 cm.

Annual Title from cover. 1978. Description based on: 1978. ISSN 0275-5009

1. Veterinary medicine — Research grants — United States — Periodicals. 2. United States. Animal Health Science Research Advisory Board — Periodicals. I. United States. Science and Education Administration. Key Title: Annual report - Animal Health Science Research Advisory Board II. Title. SF600.U54a 81-640154 636.089/072073 OCLC 06757145

## AGRICULTURAL COOPERATIVE SERVICE
## Agriculture Dept.
## Washington, DC 20250

83-10694

A 109.10:4

Hirsch, Donald Everett, 1914-

Marketing strategies for cooperatives exporting fruit to western Europe / [Donald E. Hirsch] — [Washington, D.C.?] : U.S. Dept. of Agriculture, Agricultural Cooperative Service, 1981.

iv, 24 p. : ill. ; 28 cm. — (ACS research report ; no. 4) "May 1981"—P. ii. Includes bibliographical references. ●Item 64-A (microfiche)

1. Fruit — Europe — Marketing. 2. Agriculture, Cooperative — Europe. I. United States. Agricultural Cooperative Service. II. Title. III. Series. OCLC 09313404

83-10695

A 109.10:11

Hogeland, Julie A.

Organizing meatpacking cooperatives : recent producer attempts. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Agricultural Cooperative Service, 1982.

vii, 59 p. : ill. ; 22 cm. — (ACS research report ; no. 11) Cover title. "February 1982"—P. [2] of cover. Includes bibliographical references. ●Item 64-A (microfiche)

1. Cooperative societies — United States. 2. Packinghouses — United States. 3. Agriculture, Cooperative — United States. I. United States. Agricultural Cooperative Service. II. Series. OCLC 09309717

83-10696

A 109.10:14

Cooperative lamb slaughtering in the Northeast. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Agricultural Cooperative Service, [1982]

iii, 29 p. : ill., maps ; 22 cm. — (ACS research report ; no. 14) "February 1982"—P. ii. ●Item 64-A (microfiche)

1. Agriculture, Cooperative — Northeastern States. 2. Lamb (Meat) — Northeastern States. I. United States. Agricultural Cooperative Service. II. Series. OCLC 09309700

83-10697

A 109.10/2:4

Farmer cooperative publications. — Rev. Sept. 1981. — Washington, D.C. : U.S. Dept. of Agriculture, Agricultural Cooperative Service, 1981.

v, 66 p. ; 22 cm. — (Cooperative information report ; 4) Cover title. ●Item 65-B (microfiche)

1. Agriculture, Cooperative — United States — Bibliography. I. United States. Agricultural Cooperative Service. II. Series. OCLC 09306583

## FOOD SAFETY AND INSPECTION SERVICE
## Agriculture Dept.
## Washington, DC 20250

83-10698

A 110.2:D 62/982

United States. Food Safety and Inspection Service.

Directory and field office listing / United States Department of Agriculture, Food Safety and Quality Service. [Washington, D.C.] : The Service, U.S. Dept. of Agriculture, Food Safety and Inspection Service, Washington, D.C. 20250

v. ; 28 cm. Title from cover. Dec. 1982. Description based on: Dec. 1982. ●Item 31-C Continues: United

States. Food Safety and Quality Service. Directory and field office listing

1. United States. Food Safety and Quailty Service — Directories. I. Title. OCLC 09248185

83-10699

A 110.11:981-2

Meat and poultry inspection directory / United States Department of Agriculture, Meat and Poultry Inspection Program. Washington, D.C. : The Program : [Supt. of Docs., U.S. G.P.O., distributor, Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 26-28 cm.

Semiannual

$7.00

Publication began with July/Dec. 1977. Title varies slightly. Title from cover. Vols. for -Jan. 1981 were classed: A 103.9: No longer available for sale by the Supt. of Docs. July 1981. Description based on: 1977. Only one issue published for 1982. ●Item 32-A (microfiche) S/N 001-029-72013-7 Continues: APHIS program services directory

1. Meat inspection — United States — Directories. 2. Poultry — Inspection — Directories. I. United States. Meat and Poultry Inspection Program. OCLC 03260420

83-10700

A 110.13:14

Statistical summary, federal meat and poultry inspection for fiscal year ... (Washington, D.C. : 1980)

Statistical summary, federal meat and poultry inspection for fiscal year ... / United States Department of Agriculture, Food Safety and Quality Service, Meat and Poultry Inspection Program. Washington, D.C. : The Program, 1981- U.S.D.A., Food Safety and Inspection Service, Wash., DC 20250

v. ; 28 cm.

Annual

1980- Title from cover. "FSIS-14." Issues prior to FY 1981 were classed: A 101.6/3: 1981. ISSN 0277-3724 Continues: Federal meat and poultry inspection statistical summary for ...

1. Meat inspection — United States — Statistics — Periodicals. 2. Poultry — United States — Inspection — Statistics — Periodicals. I. United States. Meat and Poultry Inspection Program. HD9410.9.U5C64a 81-642004 353.0082/336043 OCLC 02290740

## HUMAN NUTRITION INFORMATION SERVICE [NL] Agriculture Dept. [NL] Washington, DC 20250

83-10701

A 111.9/2:11

Food and nutrient intakes of individuals in 1 day, low-income households, November 1977-March 1978. — Hyattsville, Md. : U.S. Dept. of Agriculture, Human Nutrition Information Service, Consumer Nutrition Center, 1982.

vi, 200 p. : ill. ; 28 cm. — (Nationwide food consumption survey, 1977-78. Preliminary report ; no. 11) Cover title. "August 1982"—P. i.

1. Nutrition. 2. Ingestion. 3. Food habits — United States. I. Consumer Nutrition Center (U.S.) II. Series. 82-603314 OCLC 09007138

83-10702

A 111.9/2:13

Food and nutrient intakes of individuals in 1 day, low-income households, November 1979-March 1980. — Hyattsville, Md. : U.S. Dept. of Agriculture, Human Nutrition Information Service, Consumer Nutrition Center, 1982.

vi, 209 p. : ill. ; 28 cm. — (Nationwide food consumption survey, 1977-78. Preliminary report ; no. 13.) Cover title. "September 1982"—P. i.

1. Nutrition. 2. Food habits — United States. I. Consumer Nutrition Center (U.S.) II. Series. OCLC 09007212

## PEACE CORPS ACTION Washington, DC 20525

83-10703

AA 4.12:24

Munns, Grace.

Strings 'n things : a teaching manual for the blind / Grace Munns. — Washington, D.C. : Peace Corps, Information Collection and Exchange, [1981]

31 p. : ill. ; 28 cm. — (Reprint / Peace Corps, Information Collection and Exchange ; R-24) (Appropriate technologies for development) "September 1981."

1. Macrame. 2. Blind — Rehabilitation. I. Peace Corps (U.S.). Information Collection and Exchange. II. Title. III. Title: A Teaching manual for the blind. IV. Series. V. Series: Reprint (Peace Corps (U.S.). Information Collection and Exchange) ; R-24. OCLC 09319331

## CENSUS BUREAU Commerce Dept. Suitland, MD 20233

83-10704

C 3.31/5:978/v.5/pt.8

Census of agriculture (1978). Special reports.

1978 census of agriculture. Volume 5. Special reports. Part 8. 1979 farm and ranch irrigation survey. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1982]

xx, 163, 4 p. : ill. ; 28 cm. 1 map folded in pocket. "Agriculture Division"—T.p. verso. "Issued November 1982." "AC78-SR-8." ●Item 152 S/N 003-024-05003-0 @ GPO $8.00

1. Irrigation — United States — Statistics. 2. Agriculture — United States — Statistics. I. United States. Bureau of the Census. Agriculture Division. II. Title: 1979 farm and ranch irrigation survey. OCLC 09229048

83-10705

C 3.140/2:981/3

Local government employment in selected metropolitan areas and large counties. Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census, Customer Services Section (Publications), Bureau of the Census, Washington, D.C. 20233

v. ; 26-28 cm. (Government employment : GE ; 81 no. 3)

Annual

Began with 1970. Vols. for 1971-1974 were classed: C 56.209/2: 1981. Description based on: 1981. Issue for 1980 not published. ●Item 148-A ISSN 0098-3497 Main series: Government employment

1. Local officials and employees — United States — Statistics — Periodicals. I. United States. Bureau of the Census. II. Series: Government employment ; 81 no. 3. HD8011.A1A3 subser 74-611354 //r752 [HD8008] 331.7/61/3530008 s [331.7/61/352073] OCLC 02246636

83-10706

C 3.145/5:982/1

Governmental units in 1982 : 1982 census of governments. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by the Data User Services Division, Customer Services (Publications), 1982.

7 p. ; 28 cm. — (Preliminary report ; no. 1) Caption title. "Issued June 1982." "GC82(P)-1." ●Item 148-A

1. United States — Census. I. United States. Bureau of the Census. II. Series: Preliminary report (United States. Bureau of the Census) ; no. 1. OCLC 09273482

83-10707

C 3.163/6:In 2/982

Industrial statistics data finder. — Washington, D.C. : U.S. Dept. of Commcerce, Bureau of the Census : For sale by Data User Services Division, Customer Services (Publications), Bureau of the Census, 1982.

35 p. ; 22 x 28 cm. Cover title. "Industry Division"—P. [2] of cover. ●Item 131-G

1. Industrial statistics — Information services — United States. I. United States. Bureau of the Census. Industry Division. OCLC 09175011

83-10708

C 3.164:246/981

U.S. imports for consumption and general imports. TSUSA commodity by country of origin. Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by the Supt. of Docs., U.S. G.P.O., 1974- Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 26-28 cm.

Annual

$11.00

1973- "FT 246." 1981. ●Item 144-A-6 (microfiche) S/N 003-024-04875-2 ISSN 0565-1190

1. United States — Commerce — Periodicals. I. United States. Bureau of the Census. Key Title: U.S. imports for consumption and general imports HF105.B73i 76-648768 // r81 382/.5/0973 OCLC 01294275

83-10709

C 3.191/2:982/1

State government tax collections in ... Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by the Data User Services Division, Customer Services (Publications), Bureau of the Census, Customer Services Section (Data User Services Division), Bureau of the Census, Washington, D.C. 20233

v. ; 28 cm. (Government finances : GF ; 82 no. 1)

Annual

Began with 1977. 1982. Description based on: 1980. ●Item 146-E ISSN 0270-0808 Main series: Government finances Continues: State tax collections ISSN 0095-4152

1. Revenue — United States — States — Statistics — Periodicals. 2. Taxation — United States — States — Statistics — Periodicals. 3. Taxation, State — Statistics — Periodicals. I. United States. Bureau of the Census. Key Title: State government tax collections II. Series: Government finances ; 82 no. 1. HJ2385.U6a 80-643690 //r81 336.2/00973 OCLC 04016982

83-10710

C 3.205/3:DP-26

Spitler, James F.

Bangladesh / by James F. Spitler and Roger G. Kramer. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of Census, 1983.

65 p. : ill. ; 28 cm. — (County demographic profiles ; ISP-DP-26) "International Demographic Data Center"—T.p. verso. "Issued December 1982." Bibliography: p. 61-65. ●Item 146-F

1. Bangladesh — Population — Statistics. I. Kramer, Roger. II. International Demographic Data Center (U.S.) III. Title. IV. Series: Country demographic profiles ; ISP-DP-26. OCLC 09289419

83-10711

C 3.215:H-150-80/pt.B

Current housing reports. Series H-150, Annual housing survey, United States and regions. Part B, Indicators of housing and neighborhood quality by financial characteristics. Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by the Supt. of Docs., U.S. G.P.O., 1981- Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. : maps ; 28 cm.

Annual

$9.00

1978- 1980. Vols. for 1978- issued jointly with the U.S. Dept. of Housing and Urban Development, Office of Policy Development and Research. ●Item 141-A (microfiche) S/N 003-024-04935-0 Formed by the union of Current housing reports. Series H-150, Annual housing survey, United States and regions. Part B, Indicators of housing and neighborhood quality ISSN 0360-5329and Current housing reports. Series H-150, Annual housing survey, United States and regions. Part F, Financial characteristics by indicator of housing and neighborhood quality ISSN 0195-3710

1. Housing — United States — Finance — Statistics — Periodicals. 2. Housing surveys — United States — Statistics — Periodicals. I. United States. Bureau of the Census. II. United States. Dept. of Housing and Urban Development. Office of Policy Development and Research. OCLC 08309225

83-10712

C 3.215:H-170-78-24

Current housing reports. H-170, Annual housing survey, Colorado Springs, Colo., standard metropolitan statistical area. Housing characteristics for selected metropolitan areas. Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Data User Services Division, Customer Services (Publications), Bureau of the Census, Data User Services Division, Customer Services (Publications), Bureau of the Census, Washington, D.C. 20233

v. : maps ; 28 cm.

Triennial

Began with 1975. 1978. Description based on: 1978. Vols. for 1975- issued jointly with the U.S. Dept. of Housing and Urban Development, Office of Policy Development and Research. ●Item 141-A (microfiche)

1. Housing — Colorado — Colorado Springs metropolitan area — Statistics — Periodicals. I. United States. Bureau of the Census. II. United States. Dept. of Housing and Urban Development. Office of Policy Development and Research. OCLC 09014727

83-10713

C 3.223/21-2:80-S 2-14

Census of population and housing (1980). Advance estimates of social, economic, and housing characteristics.

1980 census of population and housing. Supplementary reports. Advance estimates of social, economic, and housing characteristics. Part 14. Idaho, counties and selected places. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by the Supt. of Docs., U.S. G.P.O., 1983.

102 p. in various pagings : forms ; 28 cm. "Population Division"—T.p. verso. "Housing Division"—T.p. verso.

"Issued December 1982." "PHC80-S2-14." ●Item 156-M-12 S/N 003-024-04888-4 @ GPO $ 5.50

1. Housing — Idaho — Statistics. 2. Idaho — Population — Statistics. 3. Idaho — Census, 1980. 4. United States — Census, 20th, 1980. I. United States. Bureau of the Census. Housing Division. II. United States. Bureau of the Census. Population Division. III. Title: Advance estimates of social, economic, and housing characteristics: Idaho, counties and selected places. IV. Title: Idaho, counties and selected places. OCLC 09270025

**83-10714**

**C 3.223/21-2:80-S 2-18**

Census of population and housing (1980). Advance estimates of social, economic, and housing characteristics.

1980 census of population and housing. Supplementary reports. Advance estimates of social, economic, and housing characteristics. Part 18. Kansas, counties and selected places. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1983.

179 p. in various pagings : forms ; 28 cm. "Population Division"—T.p. verso. "Housing Division"—T.p. verso. "Issued January 1983." "PHC80-S2-18." ●Item 156-M-16 S/N 003-024-04892-2 @ GPO $ 7.00

1. Housing — Kansas — Statistics. 2. Kansas — Population — Statistics. 3. Kansas — Census, 1980. 4. United States — Census, 20th, 1980. I. United States. Bureau of the Census. Housing Division. II. United States. Bureau of the Census. Population Division. III. Title: Advance estimates of social, economic, and housing characteristics : Kansas, counties and selected places. IV. Title: Kansas, counties and selected places. OCLC 09318579

**83-10715**

**C 3.223/21-2:80-S 2-23**

Census of population and housing (1980). Advance estimates of social, economic, and housing characteristics.

1980 census of population and housing. Supplementary reports. Advance estimates of social, economic, and housing characteristics. Part 23. Massachusetts, counties and selected places. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by the Supt. of Docs., U.S. G.P.O., 1983.

126 p. in various pagings : forms ; 28 cm. "Population Division"—T.p. verso. "Housing Division"—T.p. verso. "Issued December 1982." "PHC80-S2-23." ●Item 156-M-21 S/N 003-024-04897-3 @ GPO $6.00

1. Housing — Massachusetts — Statistics. 2. Massachusetts — Population — Statistics. 3. Massachusetts — Census, 1980. 4. United States — Census, 20th, 1980. I. United States. Bureau of the Census. Housing Division. II. United States. Bureau of the Census. Population Division. III. Title: Advance estimates of social, economic, and housing characteristics: Massachusetts, counties and selected places. IV. Title: Massachusetts, counties and selected places. OCLC 09270086

**83-10716**

**C 3.223/21-2:80-S 2-30**

Census of population and housing (1980). Advance estimates of social, economic, and housing characteristics.

1980 census of population and housing. Supplementary reports. Advance estimates of social, economic, and housing characteristics. Part 30. Nevada, counties and selected places. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1983.

71 p. in various pagings : forms ; 28 cm. "Population Division"—T.p. verso. "Housing Division"—T.p. verso. "Issued January 1983." "PHC80-S2-30." ●Item 156-M-28 S/N 003-024-04904-0 @ GPO $ 5.00

1. Housing — Nevada — Statistics. 2. Nevada — Population — Statistics. 3. Nevada — Census, 1980. 4. United States — Census, 20th, 1980. I. United States. Bureau of the Census. Housing Division. II. United States. Bureau of the Census. Population Division. III. Title: Advance estimates of social, economic, and housing characteristics : Nevada, counties and selected places. IV. Title: Nevada, counties and selected places. OCLC 09314494

**83-10717**

**C 3.223/21-2:80-S 2-31**

Census of population and housing (1980). Advance estimates of social, economic, and housing characteristics.

1980 census of population and housing. Supplementary reports. Advance estimates of social, economic, and housing characteristics. Part 31. New Hampshire, counties and selected places. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1983.

59 p. in various pagings : forms ; 28 cm. "Population Division"—T.p. verso. "Housing Division"—T.p. verso. "Issued January 1983." "PHC80-S2-31." ●Item 156-M-29 S/N 003-024-04905-8 @ GPO $ 5.00

1. Housing — New Hampshire — Statistics. 2. New Hampshire — Population — Statistics. 3. New Hampshire — Census, 1980. 4. United States — Census, 20th, 1980. I. United States. Bureau of the Census. Housing Division. II. United States. Bureau of the Census. Population Division. III. Title: Advance estimates of social, economic, and housing characteristics : New Hampshire, counties and selected places. IV. Title: New Hampshire, counties and selected places. OCLC 09318597

**83-10718**

**C 3.223/21-2:80-S 2-33**

Census of population and housing (1980). Advance estimates of social, economic, and housing characteristics.

1980 census of population and housing. Supplementary reports. Advance estimates of social, economic, and housing characteristics. Part 33. New Mexico, counties and selected places. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1983.

91 p. in various pagings : forms ; 28 cm. "Population Division"—T.p. verso. "Housing Division"—T.p. verso. "Issued January 1983." "PHC80-S2-33." ●Item 156-M-31 S/N 003-024-04907-4 @ GPO $5.50

1. Housing — New Mexico — Statistics. 2. New Mexico — Population — Statistics. 3. New Mexico — Census, 1980. 4. United States — Census, 20th, 1980. I. United States. Bureau of the Census. Housing Division. II. United States. Bureau of the Census. Population Division. III. Title: Advance estimates of social, economic, and housing characteristics : New Mexico, counties and selected places. IV. Title: New Mexico, counties and selected places. OCLC 09318614

**83-10719**

**C 3.223/21-2:80-S 2-35**

Census of population and housing (1980). Advance estimates of social, economic, and housing characteristics.

1980 census of population and housing. Supplementary reports. Advance estimates of social, economic, and housing characteristics. Part 35. North Carolina, counties and selected places. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1983.

181 p. in various pagings : forms ; 28 cm. "Population Division"—T.p. verso. "Housing Division"—T.p. verso. "Issued January 1983." "PHC80-S2-35." ●Item 156-M-33 S/N 003-024-04909-1 @ GPO $ 7.00

1. Housing — North Carolina — Statistics. 2. North Carolina — Population — Statistics. 3. North Carolina — Census, 1980. 4. United States — Census, 20th, 1980. I. United States. Bureau of the Census. Housing Division. II. United States. Bureau of the Census. Population Division. III. Title: Advance estimates of social, economic, and housing characteristics : North Carolina, counties and selected places. IV. Title: North Carolina, counties and selected places. OCLC 09314509

**83-10720**

**C 3.223/21-2:80-S 2-42**

Census of population and housing (1980). Advance estimates of social, economic, and housing characteristics.

1980 census of population and housing. Supplementary reports. Advance estimates of social, economic, and housing characteristics. Part 42. South Carolina, counties and selected places. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1983.

104 p. in various pagings : forms ; 28 cm. "Population Division"—T.p. verso. "Housing Division"—T.p. verso. "Issued January 1983." "PHC80-S2-42." ●Item 156-M-40 S/N 003-024-04915-5 @ GPO $5.50

1. Housing — South Carolina — Statistics. 2. South Carolina — Population — Statistics. 3. South Carolina — Census, 1980. 4. United States — Census, 20th, 1980. I. United States. Bureau of the Census. Housing Division. II. United States. Bureau of the Census. Population Division. III. Title: Advance estimates of social, economic, and housing characteristics : South Carolina, counties and selected places. IV. Title: South Carolina, counties and selected places. OCLC 09314479

**83-10721**

**C 3.224/3:980/A 37**

Census of housing (1980). General housing characteristics.

1980 census of housing. Volume 1. Characteristics of housing units. Chapter A. General housing characteristics. Part 37. Ohio. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1982.

455 p. in various pagings : ill. ; 28 cm. "Housing Division"—T.p. verso. "Issued August 1982." Includes index. "HC80-1-A37." ●Item 156-B-35 S/N 003-024-03067-5 @ GPO $11.00

1. Housing — Ohio — Statistics. 2. Ohio — Census, 1980. 3. United States — Census, 20th, 1980. I. United States. Bureau of the Census. Housing Division. II. Title: General housing characteristics, Ohio. OCLC 08957728

**83-10722**

**C 3.224/5:PHC 80-1-74**

C 3.224/5:PHC 80-1-74/maps

Census of population and housing (1980). Block statistics.

1980 census of population and housing [microform]. Block statistics. Arecibo, P.R., standard metropolitan statistical areas 1980 censo de poblacion y vivienda. Estadisticas pro manzanas. Aercibo, P.R., areas estadisticas metropolitanas estandares. [Washington, D.C.?] : U.S. Dept. of Commerce, Bureau of the Census : [Supt. of Docs., U.S. G.P.O., distributor, 1982]

1 microfiche ; 11 x 15 cm. maps (9 microfiches ; 11 x 15 cm.) Text in English and Spanish. "PHC80-1-74." ●Item 156-J-53 (microfiche) S/N 003-024-03698-3 (report, microfiche) @ GPO ; 003-024-03237-6 (maps, paper) @ GPO $2.75 (report, microfiche) $8.00 (maps, paper)

1. Housing — Puerto Rico — Arecibo metropolitan area — Statistics. 2. Arecibo metropolitan area (P.R.) — Population — Statistics. 3. Arecibo metropolitan area (P.R.) — Census, 1980. 4. United States — Census, 20th, 1980. I. United States. Bureau of the Census. II. Title: Block statistics, Arecibo, P.R., standard metropolitan statistical areas. III. Title: Arecibo, P.R., standard metropolitan statistical areas. IV. Title: 1980 censo de poblacion y vivienda. Estadisticas pro manzanas. Aercibo, P.R., areas estadisticas metropolitanas estandares. OCLC 09318694

**83-10723**

**C 3.224/5:PHC 80-1-109**

C 3.224/5:PHC 80-1-109/maps

Census of population and housing (1980). Block statistics.

1980 census of population and housing [microform]. Block statistics. Caguas, P.R., standard metropolitan statistical areas 1980 censo de poblacion y vivienda. Estadisticas por manzanas. Caguas, P.R., areas estadicas metropolitanas estandares. [Washington, D.C.?] : U.S. Dept. of Commerce, Bureau of the Census : [Supt. of Docs., U.S. G.P.O., distributor, 1982]

1 microfiche ; 11 x 15 cm. maps (17 microfiches ; 11 x 15 cm.) Text in English and Spanish. "PHC80-1-109." ●Item 156-J-53 (microfiche) S/N 003-024-03733-5 (report, microfiche) @ GPO ; 003-024-03272-4 (maps, paper) @ GPO $2.75 (report, microfiche) $11.00 (maps, paper)

1. Housing — Puerto Rico — Caguas metropolitan area — Statistics. 2. Caguas metropolitan area (P.R.) — Population — Statistics. 3. Caguas metropolitan area (P.R.) — Census, 1980. 4. United States — Census, 20th, 1980. I. United States. Bureau of the Census. II. Title: Block statistics, Caguas, P.R., standard metropolitan statistical areas. III. Title: Caguas, P.R., standard metropolitan statistical areas. IV. Title: 1980 censo de poblacion y vivienda. Estadisticas por manzanas. Caguas, P.R., areas estadicas metropolitanas estandares. OCLC 09318676

**83-10724**

**C 3.224/5:PHC 80-1-235**

C 3.224/5:PHC 80-1-235/maps

Census of population and housing (1980). Block statistics.

1980 census of population and housing [microform]. Block statistics. Mayaguez, P.R., standard metropolitan statistical areas 1980 censo de poblacion y vivienda. Estadisticas per manzanas. Mayaguez, P.R., areas estadicas metropolitanas estandares. [Washington, D.C.?] : U.S. Dept. of Commerce, Bureau of the Census : [Supt. of Docs., U.S. G.P.O., distributor, 1982]

1 microfiche ; 11 x 15 cm. maps (10 microfiches ; 11 x 15 cm.) Text in English and Spanish. "PHC80-1-235." ●Item 156-J-53 (microfiche) S/N 003-024-03859-5 (report, microfiche) @ GPO ; 003-024-03398-4 (maps, paper) @ GPO $2.75 (report, microfiche) $8.50 (maps, paper)

1. Housing — Puerto Rico — Mayaguez metropolitan area — Statistics. 2. Mayaguez metropolitan area (P.R.) — Population — Statistics. 3. Mayaguez metropolitan area (P.R.) — Census, 1980. 4. United States — Census, 20th, 1980. I. United States. Bureau of the Census. II. Title: Block statistics, Mayaguez, P.R., standard metropolitan statistical areas. III. Title: Mayaguez, P.R., standard metropolitan statistical areas. IV. Title: 1980 censo de poblacion y vivienda. Estadisticas per manzanas. Mayaguez, P.R., areas estadicas metropolitanas estandares. OCLC 09318640

83-10725

C 3.224/5:PHC 80-1-288
C 3.224/5:PHC 80-1-288/maps

Census of population and housing (1980). Block statistics.

1980 census of population and housing [microform]. Block statistics. Ponce, P.R., standard metropolitan statistical areas 1980 censo de poblacion y vivienda. Estadisticas por manzanas. San Juan, P.R., areas estadisticas metropolitanas estandares. [Washington, D.C.?] : U.S. Dept. of Commerce, Bureau of the Census : [Supt. of Docs., U.S. G.P.O., distributor, 1982]

1 microfiche ; 11 x 15 cm. maps (16 microfiches ; 11 x 15 cm.) Text in English and Spanish. "PHC80-1-288." ●Item 156-J-53 (microfiche) S/N 003-024-03912-5 (report, microfiche) @ GPO ; 003-024-03451-4 (maps, paper) @ GPO $2.75 (report, microfiche) $10.00 (maps, paper)

1. Housing — Puerto Rico — Ponce metropolitan area — Statistics. 2. Ponce metropolitan area (P.R.) — Population — Statistics. 3. Ponce metropolitan area (P.R.) — Census, 1980. 4. United States — Census, 20th, 1980. I. United States. Bureau of the Census. II. Title: Block statistics, Ponce, P.R., standard metropolitan statistical areas. III. Title: Ponce ,P.R., standard metropolitan statistical areas. IV. Title: 1980 censo de poblacion y vivienda. Estadisticas por manzanas. San Juan, P.R., areas estadisticas metropolitanas estandares. OCLC 09318628

83-10726

C 3.224/5:PHC 80-1-323
C 3.224/5:PHC 80-1-323/maps

Census of population and housing (1980). Block statistics.

1980 census of population and housing [microform]. Block statistics. San Juan, P.R., standard metropolitan statistical areas 1980 censo de poblacion y vivienda. Estadisticas por manzanas. San Juan, P.R., areas estadisticas metropolitanas estandares. [Washington, D.C.?] : U.S. Dept. of Commerce, Bureau of the Census : [Supt. of Docs., U.S. G.P.O., distributor, 1982]

2 microfiches ; 11 x 15 cm. maps (32 microfiches ; 11 x 15 cm.) Text in English and Spanish. "PHC80-1-323." ●Item 156-J-53 (microfiche) S/N 003-024-03947-8 (report, microfiche) @ GPO ; 003-024-03486-7 (maps, paper) @ GPO $3.00 (report, microfiche) $16.00 (maps, paper)

1. Housing — Puerto Rico — San Juan metropolitan area — Statistics. 2. San Juan metropolitan area (P.R.) — Population — Statistics. 3. San Juan metropolitan area (P.R.) — Census, 1980. 4. United States — Census, 20th, 1980. I. United States. Bureau of the Census. II. Title: Block statistics, San Juan, P.R., standard metropolitan statistical areas. III. Title: San Juan, P.R., standard metropolitan statistical areas. IV. Title: 1980 censo de poblacion y vivienda. Estadisticas por manzanas. San Juan, P.R., areas estadisticas metropolitanas estandares. OCLC 09318653

83-10727

C 3.252:18/2

United States. Bureau of the Census.

Census Bureau programs and products. — Rev. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Customer Services (DUSD), Bureau of the Census, [1982]

15 p. : ill. ; 28 cm. — (Factfinder for the nation ; CFF no. 18) Caption title. "Issued December 1982." ●Item 131-F

1. United States. Bureau of the Census. 2. United States — Statistical Services. I. Title. II. Series. OCLC 09302002

## NATIONAL BUREAU OF STANDARDS
### Commerce Dept.
### Washington, DC 20234

83-10728

C 13.10:400-74

Jerke, John M.

Interlaboratory study on linewidth measurements for antireflective chromium photomasks / John M. Jerke, M. Carroll Croarkin, Ruth N. Varner ; sponsored jointly by NBS and the Defense Advanced Research Projects Agency. — Washington, D.C. : U.S. Dept. of Commerce, National Bureau of Standards : For sale by the Supt. of Docs., U.S. G.p.O., 1982.

vii, 183 p. : ill. ; 28 cm. — (Semiconductor measurement technology) (NBS special publication ; 400-74) "National Engineering Laboratory, National Bureau of Standards." "Issued November 1982." Includes bibliographical references. ●Item 247 (microfiche) S/N 003-003-02458-9 @ GPO $7.00

1. Integrated circuits — Masks. 2. Optical measurements. I. Croarkin, Carroll. II. Varner, Ruth N. III. National Engineering Laboratory (U.S.) IV. United States. Defense Advanced Research Projects Agency. V. Title. VI. Series. VII. Series. OCLC 09270191

83-10729

C 13.10:446-6

Building technology project summaries / Center for Building Technology, National Engineering Laboratory, National Bureau of Standards, U.S. Department of Commerce. Washington, D.C. : The Bureau, Center for Building Technology, National Engineering Laboratory, National Bureau of Standards, U.S. Dept. of Commerce, Washington, D.C. 20234

v. ; 28 cm. (NBS SP ; 446-6)

Annual 1981-1982. Description based on: 1980-1981. ●Item 247 (microfiche) ISSN 0149-1679 Main series: NBS special publication

1. Center for Building Technology. 2. Building research — United States — Periodicals. 3. Center for Building Technology — Periodicals. I. Center for Building Technology. II. Series: NBS special publication ; 446-6. TH23.C46a 77-644142 //r82 690/.07/2073 OCLC 03435713

83-10730

C 13.10:500-94

NBS FIPS Software Documentation Workshop (1982 : National Bureau of Standards)

NBS FIPS Software Documentation : proceedings of a workshop held March 3, 1982 at NBS, Gaithersburg, Md. / A.J. Neumann, editor. — Washington, D.C. : U.S. Dept. of Commerce, National Bureau of Standards : For sale by the Supt. of Docs., U.S. G.P.O., 1982.

x, 283 p. : ill. ; 28 cm. — (Computer science and technology) (NBS special publication ; 500-94) "Institute for Computer Sciences and Technology, National Bureau of Standards." "Issued October 1982." Includes bibliographical references. ●Item 247 (microfiche) S/N 003-003-02455-4 @ GPO $8.50

1. Electronic data processing documentation — Congresses. I. Neumann, Albrecht J. II. Institute for Computer Sciences and Technology. III. Title. IV. Series. V. Series: Computer science & technology. 82-600600 OCLC 09270141

83-10731

C 13.11:138

Medical physics data book / Thomas N. Padikal, editor ; Sherman P. Fivozinsky, associate editor. — Washington, D.C. : U.S. Dept. of Commerce, National Bureau of Standards : For sale by the Supt. of Docs., U.S. G.P.O., 1982.

ix, 117 p. : ill. ; 26 cm. — (NBS handbook ; 138) "Radiation Oncology Branch, National Cancer Institute." "Office of Standard Reference Data, National Bureau of Standards." "Issued March 1982." Includes bibliographical references. ●Item 245 (microfiche) S/N 003-003-02391-4 @ GPO 56.00

1. Medical physics — Handbooks, manuals, etc. I. Padikal, Thomas N. II. Fivozinsky, Sherman P. III. United States. National Bureau of Standards. Office of Standard Reference Data. IV. National Cancer Institute (U.S.). Radiation Oncology Branch. V. Series. OCLC 08586902

83-10732

C 13.46:1042

Gans, W. L.

Shielded balanced and coaxial transmission lines, parametric measurements and instrumentation relevant to signal waveform transmission in digital service / W.L. Gans, N.S. Nahman. — Washington, D.C. : U.S. Dept. of Commerce, National Bureau of Standards, 1981.

iv, 254 p. : ill. ; 28 cm. — (NBS technical note ; 1042) "Electromagnetic Technology Division, National Engineering Laboratory, National Bureau of Standards." "Final report prepared for Department of the Army, U.S. Army Communications Command, Communications—Electronic Engineering and Installations Agency." "Issued June 1981." ●Item 249-A (microfiche)

1. Coaxial cables. I. Nahman, N. S. II. United States. National Bureau of Standards. III. National Engineering Laboratory (U.S.). Electromagnetic Technology Division. IV. U.S. Army Communications—Electronic Engineering Installation Agency. V. Title. VI. Series. OCLC 07689714

83-10733

C 13.48:70

Ross, Alberta B.

Rate constants for reactions of aliphatic carbon-centered radicals in aqueous solution / Alberta B. Ross and Pedatsur Neta. — Washington, D.C. : U.S. Dept. of Commerce, National Bureau of Standards : For sale by the Supt. of Docs., U.S. G.P.O., 1982.

v, 96 p. ; 28 cm. — (NSRDS-NBS ; 70) "Radiation Chemistry Data Center, Radiation Laboratory, University of Notre Dame." "Issued October 1982." Includes bibliographical references and index. ●Item 248-B S/N 003-003-02431-7 @ GPO $5.50

1. Chemical reaction, Rate of — Tables. 2. Radicals (Chemistry) — Tables. I. Neta, Pedatsur. II. United States. National Bureau of Standards. III. University of Notre Dame. Radiation Chemistry Data Center. IV. Title. V. Series. QC100.U573 no. 70 82-002096 [QD502] 602/.18 s [547.1/394 ¢2 19] OCLC 08170307

83-10734

C 13.57/2:82-407

Gillen, M. (Michael)

Short-term creep of concrete at elevated temperatures / M. Gillen ; sponsored by U.S. Department of Commerce, National Bureau of Standards, Center for Fire Research. — Washington, D.C. : The Center, [1982]

x, 99 p. : ill. ; 28 cm. — (NBS-GCR ; 82-407) "Construction Technology Laboratories, a Division of the Portland Cement Association." "September 1982." Includes bibliographical references. ●Item 247-H (microfiche)

1. Concrete, Effect of temperature on. I. Construction Technology Laboratories (Portland Cement Association) II. Center for Fire Research (U.S.) III. Series. OCLC 09165003

83-10735

C 13.58:80-2140/pt.1

Peacock, Richard D.

Fire safety and wood-burning appliances / Richard D. Peacock, Efrain Ruiz, Roberto Torres-Pereira ; prepared for U.S. Department of Energy. — [Washington, D.C.] : U.S. Dept. of Commerce, National Bureau of Standards ; [Springfield, VA : National Technical Information Service, distributor, 1980-

v. : ill. ; 28 cm. — (NBSIR ; 80-2140) "Final report." "Center for Fire Research, National Engineering Laboratory, National Bureau of Standards, U.S. Department of Commerce." "November 1980." Includes bibliographical references. Contents: pt. 1. v. I. State of the art review and fire tests—pt. 1. v. II. [Appendices] "Volume II is in microfiche form in the back of this volume"—Pt. 1, vol. I, p. v. ●Item 247-D

1. Pyrography. 2. Fire-testing. I. Ruiz, Efrain. II. Torres-Pereira, Roberto. III. United States. Dept. of Energy. IV. Center for Fire Research (U.S.) V. Title. VI. Series. OCLC 07682975

83-10736

C 13.58:81-2388

Hecht, Herbert.

Sypnosis of interviews from a survey of software tools usage / Herbert Hecht ; sponsored by U.S. Dept. of Commerce, National Bureau of Standards, Center for Programming Science and Technology, Institute for Computer Sciences and Technology. — Washington, DC : The Bureau, [1981]

76 p. ; 28 cm. — (NBSIR ; 81-2388) "SoHar Incorporated." "November 1981." G.P.O. sales statement incorrect in publication. Includes bibliographical references. Contract No. NB79SBCA0273. ●Item 247-D (microfiche)

1. Programming (Electronic computers) I. Center for Programming Science and Technology (Institute for Computer Sciences and Technology) II. SoHar Incorporated. III. Title. IV. Series. OCLC 09271469

83-10737

C 13.58:82-1658

Arvidson, J. M.

Mechanical properties of concrete mortar at low temperatures / J.M. Arvidson, L.L. Sparks, E. Steketee ; prepared for Maritime Administration, U.S. Dept. of Commerce. — Washington, D.C. : U.S. Dept. of Commerce, National Bureau of Standards, 1982.

6 p. ; 28 cm. — (NBSIR ; 82-1658) "Fracture and Deformation Division, National Measurement Laboratory." "Thermophysical Properties Division, National Engineering Laboratory, National Bureau of Standards, U.S. Department of Commerce." "February 1982." Includes bibliographical references. ●Item 247-D (microfiche)

1. Concrete — Thermal properties. 2. Concrete — Testing. I. Sparks, Larry L. II. Steketee, E. III. United States. Maritime Administration. IV. Center for Materials Science (U.S.). Fracture and Deformation Division. V. National Engineering Laboratory (U.S.). Thermophysical Properties Division. VI. Title. VII. Series. OCLC 09273751

## MARITIME ADMINISTRATION
### Commerce Dept.
### Washington, DC 20230

**83-10738**

**C 39.227:T 22/2/973-79**

Technical report abstracts, Maritime Administration research and development, 1973-1979 / prepared by CADCOM, a Division of ManTech International Corporation ; prepared for U.S. Dept. of Commerce, Maritime Administration, Office of Commercial Development. — [Washington, D.C.] : U.S. Dept. of Commerce, Maritime Administration, 1980.

xi, 150 p. ; 28 cm. "May 1980." ●Item 235

1. Marine engineering — United States — Bibliography — Catalogs. 2. Naval research — United States — Bibliography — Catalogs. I. CADCOM. II. United States. Maritime Administration. Office of Commercial Development. OCLC 06950485

**83-10739**

**C 39.243:13-7811-01**

Hayes, J. (John)

Effectiveness of three electronic systems as collision-avoidance and grounding-avoidance aids : a simulator investigation in a congested harbor approach / prepared by J. Hayes, E. Wald. — Kings Point, N.Y. : Dept. of Commerce, Maritime Administration, National Maritime Research Center ; Springfield, Va. : NTIS [distributor, 1980]

1 v. (various pagings) : ill., 1 map ; 28 cm. — (CAORF technical report) At head of title: Simulation experiment. "December 1980." "CAORF 13-7811-01." ●Item 233-K (microfiche)

1. Collisions at sea — Prevention — Simulation methods. 2. Synthetic training devices. I. Wald, E. (Elliott) II. National Maritime Research Center. III. Title. IV. Series. OCLC 08313046

**83-10740**

**C 39.243:13-7811-01 ES**

Hayes, J. (John)

Effectiveness of three electronic systems as collision-avoidance and grounding-avoidance aids : a simulator investigation in a congested harbor approach / prepared by J. Hayes, E. Wald. — Kings Point, N.Y. : Dept. of Commerce, Maritime Administration, Office of Commercial Development, National Maritime Research Center ; Springfield, Va. : NTIS [distributor, 1980]

16 p. : ill. ; 28 cm. At head of title: Executive summary, simulation experiment. "July 1980." "CAORF 13-7811-01 ES." ●Item 233-K (microfiche)

1. Collisions at sea — Prevention — Simulation methods. 2. Synthetic training devices. I. Wald, E. (Elliott) II. National Maritime Research Center. III. Title. OCLC 07235905

**83-10741**

**C 39.243:50-7919-02**

Goldberg, Joel, 1931-

Transfer of training from low to high fidelity shiphandling simulators / by Joel Goldberg, Anita D'Amico, Kent Williams. — Kings Point, N.Y. : Dept. of Commerce, Maritime Administration, National Maritime Research Center ; Springfield, Va. : NTIS [distributor, 1980]

64 p. in various pagings : ill., 1 map ; 28 cm. — (CAORF technical report) At head of title: Simulation experiment. "December 1980." Bibliography: p. 32. "CAORF 50-7919-02." ●Item 233-K (microfiche)

1. Ship handling. 2. Ships — Officers — Education — United States. I. D'Amico, Anita. II. Williams, Kent E. III. National Maritime Research Center. IV. Title. V. Series. OCLC 08335063

## NATIONAL TECHNICAL INFORMATION SERVICE
### Commerce Dept.
### Springfield, VA 22161

**83-10742**

**C 51.8:B 47/980**

United States. National Technical Information Service.

A reference guide to the NTIS bibliographic data base. — [2nd ed.] — [Springfield, Va.?] : U.S. Dept. of Commerce, National Technical Information Service, 1980.

23 p. ; 28 cm. Cover title. Includes index.

1. Data libraries — United States — Handbooks, manuals, etc. 2. Information services — United States — Handbooks, manuals, etc. 3. Information storage and retrieval systems — Technology — Handbooks, manuals, etc. I. Title. OCLC 07298127

**83-10743**

**C 51.9/4:82/1-26/sec.1-6**

Government reports annual index. Springfield, Va. : National Technical Information Service, U.S. Dept. of Commerce, National Technical Information Service, Springfield, Va., 22161

v. ; 29 cm.

Publication began with v. 75, 1975. "NTIS/ANNI-82"— Cover. 1982, sections 1-6. Description based on: 1980. Contents: sections 1-2. Keyword Index — section 3. Personal author index — section 4. Corporate author index — section 5. Contract/grant number index, NTIS order/report number index 1-E — section 6. NTIS order/report number index F-Z. Vols. for 1975- issued in 6 sections. Annual and cummulative index to: Government reports announcements & index, ISSN 0097-9007. ●Item 270 ISSN 0145-532X

1. Research — United States — Indexes. I. United States. National Technical Information Service. [DNLM 1. Government Publications — indexes. 2. Research — indexes. 3. Technology — indexes. ZQ 1 G72] Z7405.R4G64 76-648535 //r81 [Q158.5] 016.5 OCLC 01781413

**83-10744**

**C 51.13/3:T 68**

Wilkinson, Gordon.

Transportation safety / by Gordon Wilkinson. — [Springfield, Va. : National Technical Information Service], 1983, c1982.

43 p. ; 28 cm. — (Foreign technology alert— bibliography) ●Item 188-A-1

1. Transportation — Safety measures — Bibliography — Catalogs. I. United States. National Technical Information Service. II. Title. III. Series. OCLC 09209849

## NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
### Commerce Dept.
### Rockville, Md. 20852

**83-10745**

**C 55.13:ERL 414-AOML 30**

Sheets, Robert C.

Tropical cyclone modification : the Project Stormfury hypothesis / Robert C. Sheets. — [Boulder, Colo.?] : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, 1981.

iii, 52 p. : ill. ; 28 cm. — (NOAA technical report ERL ; 414-AOML 30) "Atlantic Oceanographic and Meteorological Laboratories." "August 1981." Bibliography: p. 34-37. ●Item 208-C-2 (microfiche)

1. Cyclones. 2. Weather control — United States. I. Environmental Research Laboratories (U.S.) II. Atlantic Oceanographic and Meteorological Laboratories. III. Title. IV. Series: NOAA technical report ERL ; 414. V. Series: NOAA technical report ERL. AOML ; 30. OCLC 08180229

**83-10746**

**C 55.13:ERL 422-PMEL 37**

Reed, Ronald K.

Energy fluxes over the eastern tropical Pacific Ocean, 1979-1982 / Ronald K. Reed. — Seattle, Wash. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, 1982.

iii, 15 p. : ill. ; 28 cm. — (NOAA technical report ERL ; 422. PMEL ; 37) "Pacific Marine Environmental Laboratory." "August 1982." Bibliography: p. 14-15. ●Item 208-C-2 (microfiche)

1. Heat budget (Geophysics) — Pacific Ocean. 2. Ocean-atmosphere interaction. 3. Ocean temperature — Pacific Ocean. I. Pacific Marine Environmental Laboratory (U.S.) II. Title. III. Series: NOAA technical report ERL ; 422. IV. Series: NOAA technical report ERL. PMEL ; 37. OCLC 09170500

**83-10747**

**C 55.13:NMFS SSRF-750**

Schwartz, Frank Joseph, 1929-

World literature to fish hybrids with an analysis by family, species, and hybrid : supplement 1 / Frank J. Schwartz. — Seattle, Wash. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, [1981]

iii, 507 p. ; 28 cm. — (NOAA technical report NMFS SSRF ; 750) "November 1981." Includes indexes. ●Item 208-C-4 (microfiche)

1. Fishes — Identification — Bibliography. 2. Hybridization — Bibliography. I. United States. National Marine Fisheries Service. II. Title. III. Series. OCLC 08122513

**83-10748**

**C 55.13:NWS 30**

Sela, Joseph G.

The NMC spectral model / Joseph G. Sela. — Silver Spring, Md. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Weather Service, [1982]

iii, 36 p. : ill. ; 28 cm. — (NOAA technical report NWS ; 30) "May 1982." "National Weather Service, National Meteorological Center, NOAA"—P. 1. Bibliography: p. 19-20. "NOAA—S/T 82-55"—P. [4] of cover. ●Item 208-C-6 (microfiche)

1. Numerical weather forecasting. 2. Meteorology — Mathematical models. I. National Meteorological Center (U.S.) II. Title. III. Title: The N.M.C. spectral model. IV. Series. OCLC 08751424

**83-10749**

**C 55.13/2:ERL AOML-51**

Clarke, Thomas L.

Wave propagation in focusing random media / Thomas L. Clarke. — Miami, Fla. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, [1982]

xiii, 143 p. : ill. ; 28 cm. — (NOAA technical memorandum ERL AOML ; 51) "Ocean Acoustic Laboratory, Atlantic Oceanographic and Meteorological Laboratories." "May 1982." Bibliography: p. 140-143. ●Item 208-C-2 (microfiche)

1. Wave-motion, Theory of. I. Ocean Acoustic Laboratory (U.S.) II. Title. III. Series. OCLC 08925518

**83-10750**

**C 55.13/2:ERL ARL-113**

Cordella, Robert H.

Stratospheric thermometry : an overview and bibliography / Robert H. Cordella, Jr. — Rockville, Md. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, [1982]

iii, 7 p. ; 28 cm. — (NOAA technical memorandum ERL ARL ; 113) "Air Resources Laboratories." "May 1982." Includes bibliographical references. ●Item 208-C-2 (microfiche)

1. Atmospheric temperature — Measurement. 2. Stratosphere. I. Air Resources Laboratories. II. Title. III. Series. OCLC 08925621

**83-10751**

**C 55.13/2:ERL GLERL-40**

Derecki, J. A. (Jan A.)

Effect of channel changes in the St. Clair River since 1900 / Jan A. Derecki. — Ann Arbor, Mich. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, [1982]

v, 20 p. : ill. ; 28 cm. — (NOAA technical memorandum ERL GLERL ; 40) "Great Lakes Environmental Research Laboratory." "February 1982." Bibliography: p. 19-20. ●Item 208-C-2 (microfiche)

1. Saint Clair River (Mich. and Ont.) I. Great Lakes Environmental Research Laboratory. II. Title. OCLC 08714137

**83-10752**

**C 55.13/2:ERL PMEL-29**

Pearson, C. A.

Guide to R2D2-rapid retrieval data display / C.A. Pearson. — [Boulder, Colo.?] : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, [1981]

v, 148 p. : ill. ; 28 cm. — (NOAA technical memorandum ERL PMEL ; 29) "May 1981." Bibliography: p. 147-148. ●Item 208-C-2 (microfiche)

1. Information storage and retrieval systems. 2. Oceanography — Data processing. 3. Computer graphics. I. Environmental Research Laboratories (U.S.) II. Title. III. Series. OCLC 07932679

**83-10753**

**C 55.13/2:ERL PMEL-34**

Liu, Cho-Teng.

Analysis of tropical Pacific sea surface temperatures for 1975 to 1980 / Cho-Teng Liu. — (E 150°—W 75°/N 25°—S 30°) —— Seattle, Wash. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, [1982]

iii, 160 p. : ill., charts ; 28 cm. — (NOAA technical memorandum ERL PMEL ; 34) "Pacific Marine Environmental Laboratory." "June 1982." Bibliography: p. 10. ●Item 208-C-2 (microfiche)

1. Ocean temperature — Pacific Ocean. 2. Oceanography — Pacific Ocean. I. Pacific Marine Environmental Laboratory (U.S.) II. Title. III. Series. OCLC 09159637

**83-10754**

**C 55.13/2:ERL WPL-97**

Kotaki, Minoru.

Ionospheric diagnostics for skywave sea-state radar / Minoru Kotaki, T.M. Georges. — Boulder, Colo. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, [1982]

iii, 39 p. : ill. ; 28 cm. — (NOAA technical memorandum ERL WPL ; 97) "Wave Propagation Laboratory." "May 1982." Bibliography: p. 30-31. ●Item 208-C-2 (microfiche)

1. Radar. 2. Ionosphere. I. Georges, T. M. (Thomas Martin), 1938- II. Wave Propagation Laboratory. III. Title. IV. Series. OCLC 08964069

**83-10755**

**C 55.13/2:ERL WPL-98**

Jones, R. M. (Richard Michael), 1937-

Algorithms for reflecting rays from general topographic surfaces in a ray tracing program / R.M. Jones. — Boulder, Colo. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories, [1982]

v, 58 p. : ill. ; 28 cm. — (NOAA technical memorandum ERL WPL ; 98) "Wave Propagation Laboratory." "July 1982." Includes bibliographical references. ●Item 208-C-2 (microfiche)

1. Wave-motion, Theory of. 2. Algorithms. I. Wave Propagation Laboratory. II. Title. III. Series. OCLC 08964092

**83-10756**

**C 55.13/2:NESS 82**

Mazur, Wilfred E

The GOES Data Collection System platform address code / Wilfred E. Mazur, Jr. — Washington, D.C. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Environmental Satellite Service, [1976, reprinted 1982]

ii, 26 p. : ill. ; 27 cm. — (NOAA technical memorandum NESS ; 82) "Office of System Engineering." "October 1976, reprinted April 1979, reprinted February 1982." Includes bibliographical references. "NOAA—S/T 82-92." ●Item 208-C-3 (microfiche)

1. Input design, Computer. 2. Meteorology — Data processing. I. United States. National Environmental Satellite Service. Office of System Engineering. II. Title. III. Title: The G.O.E.S. Data Collection System platform address code. IV. Series. OCLC 09318528

**83-10757**

**C 55.13/2:NMFS-F/NEC-10**

Annual NEMP report on the health of the northeast coastal waters of the United States, 1980. — Woods Hole, Mass. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Northeast Fisheries Center ; Springfield, VA : Available from the National Technical Information Service, 1981.

1 v. (various pagings) : ill., maps ; 28 cm. — (NOAA technical memorandum NMFS-F/NEC ; 10) "Northeast Monitoring Program." "August 1981." Includes bibliographical references. "NEMP IV 81 A-H 0043." ●Item 208-C-4 (microfiche)

1. Environmental health — United States. I. Northeast Fisheries Center (U.S.) II. Title: Annual N.E.M.P. report on the health of the northeast coastal waters of the United States, 1980. III. Series. OCLC 07892387

**83-10758**

**C 55.13/2:NMFS-F/NEC-14**

Ecosystem definition and community structure of the macrobenthos of the NEMP monitoring station at Pigeon Hill in the Gulf of Maine / Alan W. Hulbert ... [et al.]. — Woods Hole, Mass. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service ; Springfield, Va. : National Technical Information Service [distributor, 1982]

xii, 143 p. : ill. ; 28 cm. — (NOAA technical memorandum NMFS-F/NEC ; 14) "National Marine Fisheries Service, Northeast Fisheries Center." "May 1982." Bibliography: p. 55-59. "NEMP III 82 G 008." ●Item 208-C-4 (microfiche)

1. Benthos — Maine, Gulf of. 2. Marine ecology — Maine, Gulf of. I. Hulbert, Alan W. II. Northeast Fisheries Center (U.S.) III. Series. OCLC 09131314

**83-10759**

**C 55.13/2:NMFS-SEFC-25-33**

Biological/chemical survey of Texoma and Capline sector salt dome brine disposal sites off Louisiana, 1978-1979 : a report to the Department of Energy on work conducted under provisions of interagency agreement EL-78-I-0-7146 during 1978-1979 / editors, William B. Jackson and Gary M. Faw. — Galveston, Tex. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Southeast Fisheries Center, Galveston Laboratory ; [Springfield, Va. : Available from NTIS, 1980]

9 v. : ill., maps ; 28 cm. — (NOAA technical memorandum NMFS-SEFC ; 25-33) "NOAA/NMFS final report to DOE"—Cover. "November 1980"—Cover. Includes bibliographies. Contents: v. I. Describe living and dead benthic (macro-meio-) communities / R.H. Parker, A.L. Crowe, and L.S. Bohme—v. II. Determine seasonal abundance, distribution, and composition of zooplankton / by L.A. Reitsema—v. III. Describe bacterial communities / by J.R. Schwarz ... [et al.]—v. IV. Determine seasonal abundance, distribution, and community composition of demersal finfishes and macrocrustaceans / by A.M. Landry and H.W. Armstrong—v. V. Describe surficial sediments and suspended particulate matter / by K.A. Hausknecht—v. VI. Determine hydrocarbon composition and concentration in major components of the ecosystem / by P.D. Boehm and D.L. Fiest—v. VII. Determine trace metal composition and concentration in major components of the ecosystem / by J.B. Tillery—v. VIII. Determine seasonal variations in inorganic nutrients composition and concentration in the water column / by J.M. Brooks—v. IX. Analysis of variance of Gulf Coast shrimp data / by F.J. Margraf. ●Item 208-C-4 (microfiche)

1. Marine ecology — Mexico, Gulf of. 2. Chemical oceanography — Mexico, Gulf of. 3. Salt domes — Mexico, Gulf of. 4. Salt domes — Louisiana. I. Jackson, William B. (William Benjamin), 1943- II. Faw, Gary M. III. United States. Dept. of Energy. IV. Southeast Fisheries Center (U.S.). Galveston Laboratory. V. Series. OCLC 07504967

**83-10760**

**C 55.13/2:NMFS-SEFC-91**

Surveys of sea turtle populations and habitats in the western Atlantic / Archie Carr ... [et al.]. — Panama City, Fla. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, 1982.

i, 82, [9] p. : ill., maps ; 28 cm. — (NOAA technical memorandum NMFS SEFC ; 91) "National Marine Fisheries Service, Southeast Fisheries Center, Panama City Laboratory"—Cover. "March 1982." Bibliography: p. 45-46. ●Item 208-C-4 (microfiche)

1. Sea turtles — Atlantic Ocean. I. Carr, Archie Fairly, 1909- II. Panama City Laboratory. III. Series. OCLC 08792826

**83-10761**

**C 55.13/2:OMPA-6**

Analysis of residual chlorinated hydrocarbons, aromatic hydrocarbons and related compounds in selected sources, sinks, and biota of the New York Bight / William D. MacLeod, Jr. ... [et al.]. — Boulder, Colo. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Office of Marine Pollution Assessment, 1981.

1 v. (various pagings) : 1 map ; 28 cm. — (NOAA technical memorandum OMPA ; 6) "NOAA National Analytical Facility, Environmental Conservation Division, Northwest

and Alaska Fisheries Center, National Marine Fisheries Service." "May 1981." ●Item 208-C-9 (microfiche)

1. Marine pollution — New York Bight (N.J. and N.Y.) 2. Hydrocarbons. I. MacLeod, William D. II. United States. Office of Marine Pollution Assessment III. NOAA National Analytical Facility. IV. Series. OCLC 08240020

**83-10762**

**C 55.13/2:OMPA-10**

Stromberg, Pamela T.

Alterations in the frequency of sister chromatid exchanges in flatfish from Puget Sound, Washington, following experimental and natural exposure to mutagenic chemicals / Pamela T. Stromberg, Marsha L. Landolt, Richard M. Kocan ; [submitted to MESA Puget Sound Project, Office of Marine Pollution Assessment]. — Boulder, Colo. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Office of Marine Pollution Assessment, 1981.

vii, 43 p. : ill. ; 28 cm. — (NOAA technical memorandum OMPA ; 10) "College of Fisheries, University of Washington." "June 1981." Bibliography: p. 37-43. ●Item 208-C-9 (microfiche)

1. Fishes — Washington (State) — Puget Sound — Effect of water pollution on. 2. Flatfishes. 3. Marine pollution — Washington (State) — Puget Sound. I. Landolt, Marsha L. II. Kocan, Richard M. III. MESA Puget Sound Project. IV. University of Washington. College of Fisheries. V. Series. OCLC 07894109

**83-10763**

**C 55.13/2:OMPA-15**

New York sludge tracking experiment : STAX-1 / John R. Proni ... [et al.]. — Boulder, Colo. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Office of Marine Pollution Assessment, 1982.

iii, 81 p. : ill. ; 28 cm. — (NOAA technical memorandum OMPA ; 15) "National Oceanic and Atmospheric Administration, Atlantic Geographic and Meteorological Laboratories." "January 1982." ●Item 208-C-9 (microfiche)

1. Waste disposal in the ocean — New York Bight (N.J. and N.Y.) 2. Sewage sludge. 3. Underwater acoustics. 4. Marine pollution — New York Bight (N.J. and N.Y.) — Measurement. I. Proni, John R. II. Atlantic Oceanographic and Meteorological Laboratories. III. Series. OCLC 08370565

**83-10764**

**C 55.13/2:OMPA-19**

Chemical contaminants and abnormalities in fish and invertebrates from Puget Sound / Donald C. Malins ... [et al.] ; [submitted to MESA Puget Sound Project, Office of Marine Pollution Assessment]. — Boulder, Colo. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Office of Marine Pollution Assessment, 1982.

xviii, 168 p. : ill. ; 28 cm. errata sheet. — (NOAA technical memorandum OMPA ; 19) "Environmental Conservation Division, Northwest and Alaska Fisheries Center, National Marine Fisheries Service, NOAA." "June 1982." Bibliography: p. 50-58. ●Item 208-C-9 (microfiche)

1. Marine pollution — Washington (State) — Puget Sound. 2. Fishes — Washington (State) — Puget Sound — Effect of water pollution on. 3. Marine invertebrates — Washington (State) — Puget Sound — Effect of water pollution on. I. Malins, Donald C. II. MESA Puget Sound Project. III. Northwest and Alaska Fisheries Center (U.S.). Environmental Conservation Division. IV. Series. OCLC 08783473

**83-10765**

**C 55.13/2:OMPA-22**

Cannon, G. A. (Glenn Albert), 1940-

Observations of currents and water properties in Commencement Bay / Glenn A. Cannon, Michael W. Grigsby. — Boulder, Colo. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Office of Marine Pollution Assessment, 1982.

vii, 37 p. : ill. ; 28 cm. — (NOAA technical memorandum OMPA ; 22) "Pacific Marine Environmental Laboratory, National Oceanic & Atmospheric Administration." "Submitted to MESA Puget Sound Project, Office of Marine Pollution Assessment"—Verso of t.p. "August 1982." Bibliography: p. 8. ●Item 208-C-9 (microfiche)

1. Ocean currents — Washington (State) — Commencement Bay. 2. Oceanography — Washington (State) — Commencement Bay. I. Grigsby, Michael W. II. MESA Puget Sound Project. III. Pacific Marine Environmental Laboratory (U.S.) IV. Title. V. Series. OCLC 08964155

## NATIONAL MARINE FISHERIES SERVICE
### Commerce Dept.
### Washington, DC 20235

**83-10766**

**C 55.309/5:33**

Food fish market review. Washington, D.C. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, F-UD1, Washington, D.C. 20235

v. : ill. ; 26 cm. (Current economic analysis ; F-33)

Began with Sept. 1978. Title from cover. "NOAA—S/T 82-273"—P. [4] of cover. Oct. 1982. Description based on: May 1981. Indexed by: American statistics index ISSN 0091-1658 ●Item 610-A (microfiche) Main series: Current economic analysis (United States. National Marine Fisheries Service) Continues: Food fish market review and outlook ISSN 0091-8105

1. Fish trade — United States — Statistics — Periodicals. 2. Fishery products — United States — Statistics — Periodicals. I. United States. National Marine Fisheries Service. II. Series: Current economic analysis (United States. National Marine Fisheries Service); F-33. OCLC 05511088

## ENVIRONMENTAL RESEARCH LABORATORIES
### Commerce Dept.
### Boulder, CO 80302

**83-10767**

**C 55.602:G 95/v.1**

Symposium on Environmental Research Needs in the Gulf of Mexico (GOMEX) (1979 : Key Biscayne, Fla.)

Proceedings of a Symposium on Environmental Research Needs in the Gulf of Mexico (GOMEX) : Key Biscayne, Florida, 30 September - 5 October 1979 / Donald K. Atwood, convener. — Miami, Fla. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories : Office of the Director, NOAA/ERL, Atlantic Oceanographic and Meteorological Laboratories [distributor], 1981-

v. : ill., maps ; 28 cm. "Atlantic Oceanographic and Meteorological Laboratories." Includes bibliographies. Contents: v. 1. Executive summary and panel reports. ●Item 207-B-1 (microfiche)

1. Environmental policy — Mexico, Gulf of — Congresses. 2. Marine ecology — Mexico, Gulf of — Congresses. 3. Marine pollution — Mexico, Gulf of — Congresses. I. Atwood, Donald K. II. Environmental Research Laboratories (U.S.) III. Atlantic Oceanographic and Meteorological

Laboratories. IV. Title. V. Title: Environmental research needs in the Gulf of Mexico (GOMEX). OCLC 07779309

## NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION
### Commerce Dept.
### Washington, DC 20504

**83-10768**

**C 60.9:81-13**

Proceedings—State Regulatory Issues for the 80's in Common Carrier Telecommunications : August 3-6, 1980 / a conference sponsored by National Telecommunications and Information Administration and Duke University Institute of Policy Sciences and Public Affairs. — [Washington, D.C.?] : The Administration, 1981.

vii, 266 p. : ill. ; 28 cm. — (NTIA special publications ; NTIA-SP-81-13) "September 1981." Includes index. ●Item 126-D-3 (microfiche)

1. Carriers — United States — Congresses. 2. Telecommunication — Law and legislation — United States — Congresses. I. United States. National Telecommunications and Information Administration. II. Duke University. Institute of Policy Sciences and Public Affairs. III. Conference on State Regulatory Issues for the 80's in Common Carrier Telecommunications (1980 : Boulder, Colo.) IV. Series. OCLC 09273860

**83-10769**

**C 60.10:82-100**

Hufford, G. A. (George Allen), 1927-

A guide to the use of the ITS irregular terrain model in the area predicition mode / G.A. Hufford, A.G. Longley, W.A. Kissick. — [Boulder, Colo.] : U.S. Dept. of Commerce, National Telecommunications and Information Administration, 1982.

v, 117 p. : ill. ; 28 cm. — (NTIA report ; 82-100) "April 1982." ●Item 126-D-3 (microfiche)

1. Radio wave propagation — Mathematical models. 2. Mobile radio stations. I. Longley, A. G. (Anita G.) II. Kissick, W. A. (William A.) III. United States. National Telecommunications and Information Administration. IV. Title. V. Series. OCLC 09285833

**83-10770**

**C 60.13:P 96/982**

United States. National Telecommunications and Information Administration.

Publications abstracts / U.S. Department of Commerce, National Telecommunications and Information Administration. Boulder, Colo. : NTIA Publications Office, NTIA Publications Office, Boulder, Colo. 80303

v. ; 28 cm.

Annual

Began with FY 1979. Title from cover. Description based on: Fiscal year 1980. Report covers fiscal year 1982. ●Item 126-E-1 Continues: Institute for Telecommunication Sciences. ITS publications abstracts

1. United States. National Telecommunications and Information Administration — Abstracts — Periodicals. 2. Telecommunication — United States — Abstracts — Periodicals. I. United States. National Telecommunications and Information Administration. Publications Office. II. Title. OCLC 05739665

## INTERNATIONAL TRADE ADMINISTRATION
### Dept. of Commerce
### Washington, DC 20230

**83-10771**

**C 61.2:In 8/2**

Foreign direct investment in the United States ... transactions. [Washington, D.C.?] : U.S. Dept. of Commerce, International Trade Administration : [Supt. of Docs., U.S. G.P.O., distributor, Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 28 cm.

Annual

$1.60 Title from cover. No longer available for sale by the Supt. of Docs. 1979. Description based on: 1979. ●Item 231-B-1 (microfiche) S/N 003-009-00251-6 ISSN 0732-0418

1. Investments, Foreign — United States — Periodicals. I. United States. International Trade Administration. HG4501.F66 82-641818 332.6/73/0973 OCLC 08276605

**83-10772**

**C 61.9:82-029**

Graphic industries equipment, Germany. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration : [International Market Research Services, OTIS/ITA, U.S. Dept. of Commerce, distributor, 1982]

12 p. : ill. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 82-029) "December 1982." ●Item 231-G-1

1. Printing machinery industry — Germany (West) 2. Graphic arts — Germany (West) — Equipment and supplies. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09270408

**83-10773**

**C 61.9:82-051**

Agricultural machinery and equipment, Guatemala. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration : [Available from Publications Sales Branch, U.S. Dept. of Commerce], 1982.

8 p. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 82-051) "June 1982." ●Item 231-G-1

1. Agricultural machinery — Guatemala — Marketing. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09270468

**83-10774**

**C 61.9:82-052**

Agricultural machinery and equipment, Nigeria. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration, 1982.

8 p. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 82-052) "September 1982." ●Item 231-G-1

1. Agricultural machinery — Nigeria — Marketing. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09271187

**83-10775**

**C 61.9:82-053**

Agricultural machinery and equipment, Zaire. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration : [International Market Research Services, OTIS/ITA, U.S. Dept. of Commerce, distributor], 1982.

7 p. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 82-053) "December 1982." ●Item 231-G-1

1. Agricultural machinery — Zaire — Marketing. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09271238

**83-10776**

**C 61.9:82-062**

Communications equipment, Israel. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration : [Available from Publications Sales Branch, U.S. Dept. of Commerce], 1982.

9 p. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 82-062) "June 1982." ●Item 231-G-1

1. Telecommunication equipment industry — Israel. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09270545

**83-10777**

**C 61.9:82-063**

Telecommunications equipment, Zimbabwe. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration, [1982]

9 p. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 82-063) "December 1982." ●Item 231-G-1

1. Telecommunication equipment industry — Zimbabwe. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09246769

**83-10778**

**C 61.9:82-064**

Telecommunications equipment, Sweden. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration, 1982.

10 p. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 82-064) "December 1982." ●Item 231-G-1

1. Telecommunication equipment industry — Sweden. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09270996

**83-10779**

**C 61.9:82-065**

Telecommunications equipment, Nigeria. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration, 1982.

10 p. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 82-065) "December 1982." ●Item 231-G-1

1. Telecommunication equipment industry — Nigeria. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09246781

**83-10780**

**C 61.9:82-066**

Telecommunications equipment, Brazil. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration, 1982.

11 p. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 82-066) "December 1982." ●Item 231-G-1

1. Telecommunication equipment industry — Brazil. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09270611

**83-10781**

**C 61.9:82-067**

Telecommunications equipment, United Kingdom. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration : [International Market Research Services, OTIS/ITA, U.S. Dept. of Commerce, distributor], 1982.

15 p. ; 28 cm. — (International marketing information series) (Country market survey ; CMS 82-069) "December 1982." ●Item 231-G-1

1. Telecommunication equipment industry — Great Britain. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09271013

**83-10782**

**C 61.9:82-150**

Sporting goods and recreational equipment, Japan. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration, 1982.

15 p. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 82-150) "August 1982." ●Item 231-G-1

1. Sporting goods industry — Japan. 2. Recreation — Japan — Apparatus and equipment. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09271133

**83-10783**

**C 61.9:82-151**

Sporting goods and recreational equipment, Venezuela. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration : [International Market Research Services, OTIS/ITA, U.S. Dept. of Commerce, distributor], 1982.

10 p. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 82-151) "December 1982." ●Item 231-G-1

1. Sporting goods industry — Venezuela. 2. Recreation — Venezuela — Apparatus and equipment. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09271212

**83-10784**

**C 61.9:82-153**

Sporting goods and recreational equipment, Japan. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration : [International Market Research Services, OTIS/ITA, U.S. Dept. of Commerce, distributor], 1982.

16 p. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 82-153) "December 1982." ●Item 231-G-1

1. Sporting goods industry — Japan. 2. Recreation — Japan — Apparatus and equipment. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09271148

**83-10785**

**C 61.9:82-154**

Sporting goods and recreational equipment, Mexico. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration : [International Market Research Services, OTIS/ITA, U.S. Dept. of Commerce, distributor], 1982.

10 p. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 82-154) "January 1983." ●Item 231-G-1

1. Sporting goods industry — Mexico. 2. Recreation — Mexico — Apparatus and equipment. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09271166

83-10786

C 61.9:82-319

Computers and peripheral equipment, Philippines. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration : [Available from Publications Sales Branch, U.S. Dept. of Commerce], 1982.

9 p. : ill. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 82-319) "June 1982." ●Item 231-G-1

1. Computer industry — Philippines. 2. Computer input-output equipment — Marketing. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09270584

83-10787

C 61.9:82-613

Laboratory instruments, Netherlands. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration : [Available from Publication Sales Branch, U.S. Dept. of Commerce], 1982.

10 p. : ill. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 82-613) "June 1983." ●Item 231-G-1

1. Scientific apparatus and instruments — Netherlands. 2. Laboratories — Netherlands — Furniture, equipment, etc. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09246809

83-10788

C 61.9:82-717

Food processing and packaging equipment, Belgium. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration, 1982.

14 p. : ill. ; 28 cm. — (International marketing information series) (Country market survey ; CMS 82-717) "December 1982." ●Item 231-G-1

1. Food processing plants — Belgium — Equipment and supplies. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09270336

83-10789

C 61.9:83-020

Electronic components, Netherlands. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration : [International Market Research Services, OTIS/ITA, U.S. Dept. of Commerce, distributor, 1983]

9 p. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 83-020) "January 1983." ●Item 231-G-1

1. Electronic industries — Netherlands. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09270510

83-10790

C 61.9:83-054

Agricultural machinery and equipment, Ivory Coast. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration : [International Market Research Services, OTIS/ITA, U.S. Dept. of Commerce, distributor, 1983]

9 p. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 83-054) "January 1983." ●Item 231-G-1

1. Agricultural machinery — Ivory Coast — Marketing. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09271120

83-10791

C 61.9:83-152

Sporting goods and recreational equipment, Australia. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration : [International Market Research Services, OTIS/ITA, U.S. Dept. of Commerce, distributor], 1982.

17 p. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 83-152) "January 1983." ●Item 231-G-1

1. Sporting goods industry — Australia. 2. Recreation — Australia — Apparatus and equipment. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09271046

83-10792

C 61.9:83-614

Laboratory instruments, Australia. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration : [International Market Research Services, OTIS/ITA, U.S. Dept. of Commerce, distributor, 1983]

7 p. : ill. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 83-614) "January 1983." ●Item 231-G-1

1. Scientific apparatus and instruments — Australia. 2. Laboratories — Australia — Furniture, equipment, etc. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09246830

83-10793

C 61.9:83-615

Laboratory instruments, Belgium. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration : [International Market Research Services, OTIS/ITA, U.S. Dept. of Commerce, distributor], 1983.

11 p. : ill. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 83-615) "January 1983." ●Item 231-G-1

1. Scientific apparatus and instruments — Belgium. 2. Laboratories — Belgium — Furniture, equipment, etc. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09246822

83-10794

C 61.9:83-616

Laboratory instruments, Yugoslavia. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration : [International Market Research Services, OTIS/ITA, U.S. Dept. of Commerce, distributor, 1983]

7 p. : ill. ; 27 cm. — (International marketing information series) (Country market survey ; CMS 83-616) "January 1983." ●Item 231-G-1

1. Scientific apparatus and instruments — Yugoslavia. 2. Laboratories — Yugoslavia — Furniture, equipment, etc. I. United States. International Trade Administration. II. Series. III. Series. OCLC 09246841

83-10795

C 61.12:82-21

Marketing in Sri Lanka / prepared by the American Embassy, Colombo ; J.M. Bensky ... [et al.] in cooperation with the U.S. Department of Commerce. — Washington, D.C. : U.S. Dept. of Commerce, International Trade Administration : Supt. of Docs., U.S. G.P.O., [distributor] : Available from Publications Distribution, U.S. Dept. of Commerce, [1982]

27 p. ; 1 map ; 27 cm. — (International marketing information series) (Overseas business reports ; OBR 82-21) "November 1982." Bibliography: p. 24. ●Item 231-B S/N 003-000-90805-4 @ GPO $3.75

1. Marketing — Sri Lanka. I. Bensky, J. M. II. United States. Embassy (Sri Lanka) III. United States. International Trade Administration. IV. Series. V. Series. OCLC 09285796

**83-10796**

**C 61.17:B 87/979**

U.S.-Bulgarian trade trends / prepared by Office of East-West Policy and Planning, International Trade Administration, U.S. Department of Commerce. [Washington, D.C.?] : The Office, Office of East-West Policy and Planning, International Trade Administration, U.S. Dept. of Commerce, Washington, D.C. 20230

v. : ill. ; 28 cm. (East-West trade policy staff papers)

Semiannual Jan.-Dec. 1979. Description based on: Jan.-Dec. 1979. Main series: East-West trade policy staff papers

1. United States — Commerce — Bulgaria — Periodicals. 2. Bulgaria — Commerce — United States — Periodicals. I. United States. Bureau of East-West Trade. Office of East-West Policy and Planning. II. Series. OCLC 08104808

**83-10797**

**C 61.17:B 87/980**

C 61.17:B 87/980-2

U.S.-Bulgarian trade trends / prepared by Office of East-West Policy and Planning, International Trade Administration, U.S. Department of Commerce. [Washington, D.C.?] : The Office, Office of East-West Policy and Planning, Rm. 4816, U.S. Dept. of Commerce, Washington, D.C. 20230

v. : ill. ; 28 cm. (East-West trade policy staff papers)

Semiannual Jan.-June 1980; Jan.-Dec. 1980. Description based on: Jan.-Dec. 1979. ●Item 231-B-11 (microfiche) Main series: East-West trade policy staff papers

1. United States — Commerce — Bulgaria — Periodicals. 2. Bulgaria — Commerce — United States — Periodicals. I. United States. Bureau of East-West Trade. Office of East-West Policy and Planning. II. Series. OCLC 08104808

**83-10798**

**C 61.17:C 99/979**

U.S.-Czechoslovak trade trends / prepared by Office of East-West Policy and Planning, International Trade Administration, U.S. Department of Commerce. [Washington, D.C.?] : The Office, Office of East-West Policy and Planning, International Trade Administration, U.S. Dept. of Commerce, Washington, D.C. 20230

v. : ill. ; 28 cm. (East-West trade policy staff papers)

Semiannual Cover title: U.S. Czechoslovak trade trends Jan.-Dec. 1979 Jan.-Dec. 1979. Description based on: Jan.-Dec. 1979. Main series: East-West trade policy staff papers

1. United States — Commerce — Czechoslovakia — Periodicals. 2. Czechoslovakia — Commerce — United States — Periodicals. I. United States. Bureau of East-West Trade. Office of East-West Policy and Planning. II. Series. OCLC 08104879

**83-10799**

**C 61.17:C 99/980**

C 61.17:C 99/980-2

U.S.-Czechoslovak trade trends / prepared by Office of East-West Policy and Planning, International Trade Administration, U.S. Department of Commerce. [Washington, D.C.?] : The Office, Office of East-West Policy and Planning, Rm. 4816, U.S. Dept. of Commerce, Washington, D.C. 20230

v. : ill. ; 28 cm. (East-West trade policy staff papers)

Semiannual Jan.-June 1980; Jan.-Dec. 1980. Description based on: Jan.-Dec. 1979. ●Item 231-B-11 (microfiche) Main series: East-West trade policy staff papers

1. United States — Commerce — Czechoslovakia — Periodicals. 2. Czechoslovakia — Commerce — United States — Periodicals. I. United States. Bureau of East-West Trade. Office of East-West Policy and Planning. II. Series. OCLC 08104879

**83-10800**

**C 61.17:G 31/979**

U.S.-GDR trade trends / prepared by Office of East-West Policy and Planning, International Trade Administration, U.S. Department of Commerce. [Washington, D.C.?] : The Office, Office of East-West Policy and Planning, International Trade Administration, U.S. Dept. of Commerce, Washington, D.C. 20230

v. : ill. ; 28 cm. (East-West trade policy staff papers)

Semiannual Jan.-Dec. 1979. Description based on: Jan.-Dec. 1979. Main series: East-West trade policy staff papers

1. United States — Commerce — Germany (East) — Periodicals. 2. Germany (East) — Commerce — United States — Periodicals. I. United States. Bureau of East-West Trade. Office of East-West Policy and Planning. II. Series. OCLC 08104869

**83-10801**

**C 61.17:G 31/980**

C 61.17:G 31/980-2

U.S.-GDR trade trends / prepared by Office of East-West Policy and Planning, International Trade Administration, U.S. Department of Commerce. [Washington, D.C.?] : The Office, Office of East-West Policy and Planning, Rm. 4816, U.S. Dept. of Commerce, Washington, D.C. 20230

v. : ill. ; 28 cm. (East-West trade policy staff papers)

Semiannual Jan.-June 1980; Jan.-Dec. 1980. Description based on: Jan.-Dec. 1979. ●Item 231-B-11 (microfiche) Main series: East-West trade policy staff papers

1. United States — Commerce — Germany (East) — Periodicals. 2. Germany (East) — Commerce — United States — Periodicals. I. United States. Bureau of East-West Trade. Office of East-West Policy and Planning. II. Series. OCLC 08104869

**83-10802**

**C 61.17:H 89/979**

U.S.-Hungarian trade trends / prepared by Office of East-West Policy and Planning, International Trade Administration, U.S. Department of Commerce. [Washington, D.C.?] : The Office, Office of East-West Policy and Planning, International Trade Administration, U.S. Dept. of Commerce, Washington, D.C. 20230

v. : ill. ; 28 cm. (East-West trade policy staff papers)

Semiannual Jan.-Dec. 1979. Description based on: Jan.-Dec. 1979. Main series: East-West trade policy staff papers

1. United States — Commerce — Hungary — Periodicals. 2. Hungary — Commerce — United States — Periodicals. I. United States. Bureau of East-West Trade. Office of East-West Policy and Planning. II. Series. OCLC 08090665

**83-10803**

**C 61.17:H 89/980**

C 61.17:H 89/980-2

U.S.-Hungarian trade trends / prepared by Office of East-West Policy and Planning, International Trade Administration, U.S. Department of Commerce. [Washington, D.C.?] : The Office, Office of East-West Policy and Planning, Rm. 4816, U.S. Dept. of Commerce, Washington, D.C. 20230

v. : ill. ; 28 cm. (East-West trade policy staff papers)

Semiannual Jan.-June 1980; 1980. Description based on: Jan.-Dec. 1979. ●Item 231-B-11 (microfiche) Main series: East-West trade policy staff papers

1. United States — Commerce — Hungary — Periodicals. 2. Hungary — Commerce — United States — Periodicals. I.

United States. Bureau of East-West Trade. Office of East-West Policy and Planning. II. Series. OCLC 08090665

83-10804

C 61.17:P 39/979

U.S.-PRC trade trends / prepared by Office of East-West Policy and Planning, International Trade Administration, U.S. Department of Commerce. [Washington, D.C.?] : The Office, Office of East-West Policy and Planning, International Trade Administration, U.S. Department of Commerce, Washington, D.C. 20230

v. : ill. ; 28 cm. (East-West trade policy staff papers)

Semiannual Jan.-Dec. 1979. Description based on: Jan.-Dec. 1979. Main series: East-West trade policy staff papers

1. United States — Commerce — China — Periodicals. 2. China — Commerce — United States — Periodicals. I. United States. Bureau of East-West Trade. Office of East-West Policy and Planning. II. Series. OCLC 08104829

83-10805

C 61.17:P 39/980

C 61.17:P 39/980-2

U.S.-PRC trade trends / prepared by Office of East-West Policy and Planning, International Trade Administration, U.S. Department of Commerce. [Washington, D.C.?] : The Office, Office of East-West Policy and Planning, Rm. 4816, U.S. Department of Commerce, Washington, D.C. 20230

v. : ill. ; 28 cm. (East-West trade policy staff papers)

Semiannual Jan.-June 1980; Jan.-Dec. 1980. Description based on: Jan.-Dec. 1979. ●Item 231-B-11 (microfiche) Main series: East-West trade policy staff papers

1. United States — Commerce — China — Periodicals. 2. China — Commerce — United States — Periodicals. I. United States. Bureau of East-West Trade. Office of East-West Policy and Planning. II. Series. OCLC 08104829

83-10806

C 61.17:P 75/979

U.S.-Polish trade trends / prepared by Office of East-West Policy and Planning, International Trade Administration, U.S. Department of Commerce. [Washington, D.C.?] : The Office, Office of East-West Policy and Planning, International Trade Administration, U.S. Dept. of Commerce, Washington, D.C. 20230

v. : ill. ; 28 cm. (East-West trade policy staff papers)

Semiannual Jan.-Dec. 1979. Description based on: Jan.-Dec. 1979. Main series: East-West trade policy staff papers

1. United States — Commerce — Poland — Periodicals. 2. Poland — Commerce — United States — Periodicals. I. United States. Bureau of East-West Trade. Office of East-West Policy and Planning. II. Series. OCLC 08104846

83-10807

C 61.17:P 75/980

C 61.17:P 75/980-2

U.S.-Polish trade trends / prepared by Office of East-West Policy and Planning, International Trade Administration, U.S. Department of Commerce. [Washington, D.C.?] : The Office, Office of East-West Policy and Planning, Rm. 4816, U.S. Dept. of Commerce, Washington, D.C. 20230

v. : ill. ; 28 cm. (East-West trade policy staff papers)

Semiannual Jan.-June 1980; Jan.-Dec. 1980. Description based on: Jan.-Dec. 1979. ●Item 231-B-11 (microfiche) Main series: East-West trade policy staff papers

1. United States — Commerce — Poland — Periodicals. 2. Poland — Commerce — United States — Periodicals. I. United States. Bureau of East-West Trade. Office of East-West Policy and Planning. II. Series. OCLC 08104846

83-10808

C 61.17:R 66/979

U.S.-Romanian trade trends / prepared by Office of East-West Policy and Planning, International Trade Administration, U.S. Department of Commerce. [Washington, D.C.?] : The Office, Office of East-West Policy and Planning, International Trade Administration, U.S. Dept. of Commerce, Washington, D.C. 20230

v. : ill. ; 28 cm. (East-West trade policy staff papers)

Semiannual Jan.-Dec. 1979. Description based on: Jan.-Dec. 1979. Main series: East-West trade policy staff papers

1. United States — Commerce — Romania — Periodicals. 2. Romania — Commerce — United States — Periodicals. I. United States. Bureau of East-West Trade. Office of East-West Policy and Planning. II. Series. OCLC 08104856

83-10809

C 61.17:R 66/980

C 61.17:R 66/980-2

U.S.-Romanian trade trends / prepared by Office of East-West Policy and Planning, International Trade Administration, U.S. Department of Commerce. [Washington, D.C.?] : The Office, Office of East-West Policy and Planning, Rm. 4816, U.S. Dept. of Commerce, Washington, D.C. 20230

v. : ill. ; 28 cm. (East-West trade policy staff papers)

Semiannual Jan.-June 1980; Jan.-Dec. 1980. Description based on: Jan.-Dec. 1979. ●Item 231-B-11 (microfiche) Main series: East-West trade policy staff papers

1. United States — Commerce — Romania — Periodicals. 2. Romania — Commerce — United States — Periodicals. I. United States. Bureau of East-West Trade. Office of East-West Policy and Planning. II. Series. OCLC 08104856

83-10810

C 61.17:Un 3/979

U.S.-U.S.S.R. trade trends / prepared by Office of East-West Policy and Planning, International Trade Administration, U.S. Dept. of Commerce. [Washington, D.C.?] : The Office, Office of East-West Policy and Planning, International Trade Administration, U.S. Dept. of Commerce, Washington, D.C. 20230

v. : ill. ; 28 cm. (East-West trade policy staff papers)

Semiannual Jan.-Dec. 1979. Description based on: Jan.-Dec. 1979. Main series: East-West trade policy staff papers

1. United States — Commerce — Soviet Union — Periodicals. 2. Soviet Union — Commerce — United States — Periodicals. I. United States. Bureau of East-West Trade. Office of East-West Policy and Planning. II. Series. OCLC 08104838

83-10811

C 61.17:Un 3/980

C 61.17:Un 3/980-2

U.S.-U.S.S.R. trade trends / prepared by Office of East-West Policy and Planning, International Trade Administration, U.S. Dept. of Commerce. [Washington, D.C.?] : The Office, Office of East-West Policy and Planning, Rm. 4816, U.S. Dept. of Commerce, Washington, D.C. 20230

v. : ill. ; 28 cm. (East-West trade policy staff papers)

Semiannual Jan.-June 1980; Jan.-Dec. 1980. Description based on: Jan.-Dec. 1979. ●Item 231-B-11 (microfiche) Main series: East-West trade policy staff papers

1. United States — Commerce — Soviet Union — Periodicals. 2. Soviet Union — Commerce — United States — Periodicals. I. United States. Bureau of East-West Trade. Office of East-West Policy and Planning. II. Series. OCLC 08104838

## FEDERAL COMMUNICATIONS COMMISSION
## Washington, DC 20554

**83-10812**

CC 1.2:R 11/14/981
CC 1.2:R 11/14/982

Directory of field contacts for the coordination of the use of radio frequencies. Washington, D.C. : IRAC Secretariat, Spectrum Management Support Division, Office of Telecommunications, Dept. of Commerce, IRAC Secretariat, Spectrum Management Support Division, Office of Telecommunications, Dept. of Commerce, Washington, D.C. 20230

v. ; 27 cm. Title from cover. Apr. 1, 1981; Apr. 1, 1982. Description based on: Apr. 1, 1978. Vols. for ⟨1971-⟩ issued by the Federal Communications Commission ⟨1971-1973, 1977-1978⟩ with the Executive OFfice of the President, Office of Telecommunications Policy; ⟨1976⟩ with the Office of Telecommunications; ⟨1979-⟩ with the National Telecommunications and Information Administration. ●Item 285 (microfiche) ISSN 0198-6422

1. Radio frequency allocation — United States — Directories. I. United States. National Telecommunications and Information Administration. II. United States. Office of Telecommunications. III. United States. Office of Telecommunications. IRAC Secretariat. IV. United States. Federal Communications Commission. V. United States. Office of Telecommunications Policy. HE8698.D57 80-643305 //r82 384.54/52 OCLC 01727148

## CIVIL RIGHTS COMMISSION
## Washington, DC 20425

**83-10813**

CR 1.10:75

United States Commission on Civil Rights.

Discriminatory religious schools and tax exempt status. — Washington, D.C. : United States Commission on Civil Rights, [1982]

v, 21 p. ; 26 cm. — (Clearinghouse publication ; 75) "December 1982." Includes bibliographical references. ●Item 288-A-5

1. Discrimination in education — United States. 2. Taxation, Exemption from — United States. I. Title. II. Series. OCLC 09164319

**83-10814**

CR 1.10:76

United States Commission on Civil Rights.

Statement of the United States Commission on Civil Rights on school desegregation. — [Washington, D.C.?] : The Commission, 1982.

54 p. ; 26 cm. — (Clearinghouse publication ; 76) Cover title. "December 1982." ●Item 288-A-5

1. Discrimination in education — United States. I. Title. II. Series. OCLC 09179043

**83-10815**

CR 1.10:77

United States Commission on Civil Rights.

Intimidation and violence : racial and religious bigotry in America / a statement of the United States Commission on Civil Rights. — Washington, D.C. : The Commission, [1983]

iii, 32 p. ; 23 cm. — (Clearinghouse publication ; 77) "January 1983." ●Item 288-A-5

1. Racism — United States. 2. Antisemitism — United States. I. Title. II. Series. OCLC 09148600

## JOINT CHIEFS OF STAFF
## Defense Dept.
## Washington, DC 20301

**83-10816**

D 5.19:984

United States. Organization of the Joint Chiefs of Staff.

United States military posture for FY ... / prepared by the Organization of the Joint Chiefs of Staff. Washington, D.C. : The Organization : For sale by the Supt. of Docs., U.S. G.P.O., [1982?- Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. : ill. (some col.) ; 28 cm.

Annual

$6.00

FY 1983- Report covers fiscal year 1984. ●Item 315-C-2 S/N 008-004-00018-8 Continues: United States. Joint Chiefs of Staff. United States military posture for FY ... ISSN 0148-060X

1. United States — Defenses — Periodicals. 2. United States — Military policy — Periodicals. 3. United States Armed Forces — Periodicals. I. Title. OCLC 08760996

## DEFENSE INTELLIGENCE AGENCY
## Defense Dept.
## Washington, DC 20301

**83-10817**

D 5.210:981-82

Defense Intelligence School (U.S.).

Catalog / Defense Intelligence School. Washington, D.C. : The School, Defense Intelligence School, Washington, D.C. 20374

v. : ill., ports. ; 23 cm.

Annual Cover title: Academic catalog ⟨1981/82-⟩ 1981-82. Description based on: 1981-82. ●Item 315-F-3

1. Military education — United States — Curricula. 2. Defense Intelligence School (U.S.) — Curricula. I. Defense Intelligence School (U.S.) Academic catalog. II. Title. OCLC 09094889

## DEFENSE MAPPING AGENCY
## Defense Dept.
## Washington, DC 20305

**83-10818**

D 5.315/2:983/v.4

Summary of corrections : charts. Washington, D.C. : Defense Mapping Agency, Hydrographic/Topographic Center, Defense Mapping Agency, Hydrographic/Topographic Center, Washington, D.C. 20315

v. : maps ; 27 cm.

Semiannual

Began with Jan. 1977. Title from cover. Contents: v. 4. Western Pacific and Indian Oceans. 1983, v. 4, Jan. 1983. Description based on: 1982, v. 1 (Oct. 1982) Issued in vols. Vols. issued separately throughout the year. Vols. for 1977 and Mar. 1978, v. 2 were issued by the Hydrographic Center; Mar. 1978, v. 1, and ⟨Oct. 1982-⟩ by the Hydrographic/Topographic Center. ●Item 379-A (microfiche) Continues: Summary of chart corrections

1. Nautical charts — Periodicals. 2. Aids to navigation — Periodicals. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. United States. Defense Mapping Agency. Hydrographic Center. OCLC 09100181

83-10819

D 5.317:125

Sailing directions (enroute) for the west coast of South Africa. — 1st ed. — Washington, D.C. : Defense Mapping Agency, Hydrographic/Topographic Center : For sale by authorized Sales Agents of the Defense Mapping Agency Office of Distribution Services, 1982.

xxiii, 294 p. : ill., maps ; 26 cm. — (Pub. ; 125) Includes index. ●Item 378-E (microfiche)

1. Pilot guides — South America. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Series: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center) ; 125. OCLC 09302118

83-10820

D 5.317:126

Sailing directions (enroute) for the Pacific Islands. — 1st ed. — Washington, D.C. : Defense Mapping Agency, Hydrographic/Topographic Center : For sale by authorized Sales Agents of the Defense Mapping Agency Office of Distribution Services, 1982.

xxv, 396 p. : ill., maps ; 26 cm. — (Pub. ; 126) Includes index. ●Item 378-E (microfiche)

1. Pilot guides — Pacific Islands (Trust Territory) I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Series: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center) ; 126. OCLC 09269914

83-10821

D 5.317:221 (1008)

Loran-C table : Mediterranean Sea / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. — 1972 (repr. 1982). — Washington, D.C. : The Center : For sale by authorized Sales Agents of the Defense Mapping Agency Office of Distribution Services, 1982.

xlii, 470 p. : ill., 1 map ; 27 cm. — (Pub. ; 221(1008)) Chiefly tables. "PAIR 7990-Z." ●Item 378-F (microfiche)

1. Loran — Tables. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Series: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center) ; 221 (1008). OCLC 09257762

83-10822

D 5.317:221 (2001-C)

Loran-C secondary phase correction table : North Pacific Ocean, Gulf of Alaska / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. — Washington, D.C. : The Center, 1982.

ix, 67 p. : ill. ; 28 cm. — (Pub. ; no. 221 (2001-C)) Cover title. Chiefly tables. "Station 9990-Z/7960-X." ●Item 378-F (microfiche)

1. Loran — Tables. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Title: North Pacific Ocean, Gulf of Alaska. III. Series: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center) ; 221 (2001-C). OCLC 09293278

83-10823

D 5.317:221 (2005-C)

Loran-C secondary phase correction table : North Pacific Ocean / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. — Washington, D.C. : The Center, 1982.

ix, 88 p. : ill. ; 28 cm. — (Pub. ; no. 221 (2005-C)) Cover title. Chiefly tables. "Station 9990-Y." ●Item 378-F (microfiche)

1. Loran — Tables. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Title: North Pacific Ocean. III. Series: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center) ; 221 (2005-C). OCLC 09293241

83-10824

D 5.317:221 (2400-C)

Loran-C correction table : North Pacific Ocean : 9990 / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. — Washington, D.C. : The Center : For sale by authorized Sales Agents of the Defense Mapping Agency Office of Distribution Services, 1982.

1 v. (various pagings) : ill. ; 28 cm. — ([Pub.] ; no. 221(2400-C)) Cover title. Chiefly tables. ●Item 378-F (microfiche)

1. Loran — Tables. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Title: North Pacific Ocean. III. Series: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center) ; 221 (2400-C). OCLC 09302038

83-10825

D 5.317:221 (3002-C)

Loran—C RHO-RHO secondary phase correction table : Northeast, U.S.A./east coast, Canada / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. — Washington, D.C. : The Center, 1982.

viii, 78 p. : ill. ; 28 cm. — (Pub. ; no. 221(3002-C)) Cover title. Chiefly tables. "Station 9960-X/5930-X." ●Item 378-F (microfiche)

1. Loran — Tables. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Title: Northeast, U.S.A./east coast, Canada. III. Series: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center) ; 221 (3002-C). OCLC 09290607

83-10826

D 5.317:221 (4005-C)

Loran-C RHO-RHO secondary phase correction table : North Pacific Ocean / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. — Washington, D.C. : The Center, 1982.

viii, 195 p. : ill. ; 28 cm. — (Pub. ; no. 221 (4005-C)) Cover title. Chiefly tables. "STATION 9990-Y." ●Item 378-F (microfiche)

1. Loran — Tables. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Title: North Pacific Ocean. III. Series: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center) ; 221 (4005-C). OCLC 09302149

## NATIONAL DEFENSE UNIVERSITY
### Defense Dept.
### Washington, DC 20319

83-10827

D 5.409:80-9

Rapp, Edward G.

Construction support for mobilization : a national emergency planning issue / by Edward G. Rapp. — Washington, DC : National Defense University, Research Directorate : [Supt. of Docs., U.S. G.P.O., distributor], 1981.

vii, 40 p. : ill. ; 21 cm. — (National security affairs monograph series ; 80-9) "December 1980." Includes bibiographical references. ●Item 378-H (microfiche) S/N 008-020-00874-5 @ GPO $4.50

1. Industrial mobilization — United States. 2. United States — Armed Forces — Mobilization. 3. United States — National security. I. National Defense University. Research Directorate. II. Title. III. Series. OCLC 07186114

## DEFENSE LOGISTICS AGENCY
### Cameron Station
### Alexandria, VA 22314

**83-10828**

**D 7.6/4:D 63/2/982**

United States. Office of the Assistant Secretary of Defense (Manpower, Reserve Affairs and Logistics).

Defense utilization and disposal manual. — [Washington, D.C.] : Dept. of Defense, Office of the Assistant Secretary of Defense (Manpower, Reserve Affairs & Logistics), 1982.

1 v. (various pagings) ; 28 cm. — (DoD 4160.21-M) Cover title. "September 1982."

1. United States. Dept. of Defense — Handbook, manuals, etc. 2. Surplus military property — United States. I. Series. OCLC 09269438

**83-10829**

**D 7.6/16:983**

MILSTRIP routing identifier and distribution codes / Department of Defense, Office of the Assistant Secretary of Defense (Manpower, Reserve Affairs, and Logistics) [Washington, D.C.?] : The Office, 1982- Dept. of Defense, Office of the Assistant Secretary of Defense (Manpower, Reserve Affairs, and Logistics), The Pentagon, Washington, D.C. 20301

v. ; 28 cm.

Annual

June 1982- Title from cover. "DoD 4140.17-M, Supplement No. 1." Jan. 1983. Updated by changes. ●Item 314-A Continues: MILSTRIP routing identifier codes

1. United States — Armed Forces — Procurement — Periodicals. I. United States. Office of the Assistant Secretary of Defense (Manpower, Reserve Affairs, and Logistics) OCLC 08684600

## NATIONAL GUARD BUREAU
### Defense Dept.
### Washington, DC 20301

**83-10830**

**D 12.8:37-108-1/3**

United States. National Guard Bureau.

Financial administration : fiscal accounting functional manual, Army National Guard. — Washington, D.C. : Departments of the Army and the Air Force, National Guard Bureau, [1982]

1 v. (various pagings) : ill., forms ; 26 cm. — (NGB pamphlet ; 37-108-1) Cover title. "This pamphlet supersedes NGB Pam 37-108-1, 15 Oct. 79"—P. i. "1 October 1982"—P. i. ●Item 358 (microfiche)

1. United States — National Guard — Accounting. 2. United States — National Guard — Handbooks, manuals, etc. I. Title. II. Title: Fiscal accounting functional manual, Army National Guard. III. Series. OCLC 09270260

**83-10831**

**D 12.8:38-750-1/2**

Logistics management : the Army maintenance management system (TAMMS). — [Washington, DC] : Departments of the Army and the Air Force, National Guard Bureau, 1981.

59 p. in various pagings : ill. ; 26 cm. — (NGB pamphlet ; 38-750-1) Cover title. "Corrected copy." "This pamphlet supersedes NGB Pam 750-1, 30 October 1975."—P. i. "30 December 1981"—P. i. ●Item 358

1. United States. National Guard Bureau — Procurement — Handbooks, manuals, etc. 2. Military supplies — Handbooks, manuals, etc. I. United States. National Guard Bureau. II. Title: The Army maintenance management system (TAMMS) III. Series. OCLC 09285717

**83-10832**

**D 12.8:601-280/2**

Personnel procurement : Army National Guard Retention Program. — Washington, DC : Headquarters, Dept. of the Army, 1982.

27 p. in various pagings : forms ; 26 cm. — (National Guard Bureau pamphlet ; no. 601-280) Caption title. "This pamphlet supersedes NGB Pam 601-280, 30 October 1980." "30 July 1982." ●Item 358 (microfiche)

1. United States — National Guard — Recruiting, enlistment, etc. I. United States. National Guard Bureau. II. Title: Army National Guard Retention Program. III. Series: NGB pamphlet ; 601-280. OCLC 09319219

## ARMY DEPARTMENT
### Defense Dept.
### Washington, DC 20310

**83-10833**

**D 101.2:L 46/5**

Group dynamics of leadership. — [Washington, D.C.?] : Army ROTC, 1981.

79 p. : ill. ; 28 cm. Cover title. At head of title: Military Science 101 (MIL 101). "Eastern Kentucky University." Bibliography: p. 78-79. ●Item 325 (microfiche)

1. Military education — United States. 2. Command of troops. I. United States. Army. Reserve Officers' Training Corps. II. Eastern Kentucky University. OCLC 09270287

**83-10834**

**D 101.9:95-1**

United States. Dept. of the Army.

Army aviation : general provisions and flight regulations. — Washington, DC : Headquarters, Dept. of the Army, [1982]

34 p. in various pagings ; 28 cm. — (Army regulation ; 95-1) Caption title. At head of title: Aviation. "This regulation supersedes AR 95-1, 15 November 1980, and rescinds DA Form 3015, July 1965"—P. i. "15 November 1982." Bibliography: p. A-1 - A-2. ●Item 323

1. United States. Army — Handbooks, manuals, etc. 2. United States. Army — Aviation — Handbooks, manuals, etc. I. Title. II. Series: United States. Dept. of the Army. Army regulation ; no. 95-1. OCLC 09270183

**83-10835**

**D 101.11:5-810-6**

Nonindustrial gas piping systems. — [Washington, DC] : Departments of the Army and the Air Force, [1982]

17 p. in various pagings : ill. ; 28 cm. — (Air Force AFM ; 88-8) (Army ; TM 5-810-6) Cover title. "This manual supersedes TM 5-810-6/AFM 88-8, Chap. 5, 2 March 1959"—1st prelim. p. "September 1982." Includes bibliographical references. ●Item 329

1. United States. Army — Handbooks, manuals, etc. 2. United States. Air Force — Handbooks, manuals, etc. 3. Gas — Pipe lines — Handbooks, manuals, etc. 4. Gas appliances — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. United States. Dept. of the Air Force. III. Series. IV. Series: Department of the Army technical manual ; TM 5-810-6. OCLC 09247236

83-10836

D 101.11:5-2420-222-14&P-1

Operator's, organizational, direct support, and general support maintenance manual (including repair parts list) : tractor, wheeled (DED) loader backhoe, w/hydraulic impact tool and w/hydraulic earth auger attachment, John Deere model JD 410 (CCE) w/Wain-Roy Bucket, Hughes Impactor and Danuser Earth Drill (NSN 2420-00-567-0135). — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

1 v. (various pagings) : ill. ; 28 cm. — (Technical manual ; TM 5-2420-222-14&P-1) Cover title. "October 1982." Includes indexes. "Serial numbers 235768 through 235999." "Contract no. DSA700-74-9080." ●Item 329

1. United States. Army — Handbooks, manuals, etc. 2. Tractors — Hydraulic equipment — Maintenance and repair — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Title: Tractor, wheeled (DED) loader backhoe, w/hydraulic impact tool and w/hydraulic earth auger attachment, John Deere model JD 410 (CCE) w/Wain-Roy Bucket, Hughes Impactor and Danuser Earth Drill (NSN 2420-00-567-0135) III. Series: Department of the Army technical manual ; TM 5-2420-222-14&P-1. OCLC 09285466

83-10837

D 101.11:5-2420-222-14&P-2

Operator's organizational direct support and general support maintenance manual (including repair parts list) : tractor, wheeled (DED) loader backhoe, w/hydraulic impact tool and w/hydraulic earth auger attachment, John Deere model JD 410(CCE), w/Wain-Roy bucket, Hughes impactor and danuser earth drill (NSN 2420-00-567-0135). — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

1 v. (various pagings) : ill. ; 28 cm. — (Technical manual ; TM 5-2420-222-14&P-2) Cover title. "October 1982." "Contract no. DAAE07-78-C-6727." "Serial numbers 319995 through 342573." ●Item 329

1. United States. Army — Handbooks, manuals, etc. 2. Tractors — Hydraulic equipment — Maintenance and repair — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Title: Tractor, wheeled (DED) loader backhoe. III. Series: Department of the Army technical manual ; TM 5-2420-222-14&P-2. OCLC 09277897

83-10838

D 101.11:5-2590-214-10-HR

Hand receipt covering contents of Components of End Item (COEI), Basic Issue Items (BII), and Additional Authorization List (AAL) for roller, mine clearing: track-width, tank-mounted (2590-01-063-0253). — [Washington, DC] : Headquarters, Dept. of the Army, [1983]

vi, 4 p. : forms ; 28 cm. — (TM ; 5-2590-214-10-HR) Cover title. "January 1983." ●Item 329

1. United States. Army — Handbooks, manuals, etc. 2. Mine sweepers — Handbooks, manuals, etc. 3. Tanks (Military science) — United States — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Title: Roller, mine clearing: track-width, tank-mounted (2590-01-063-0253). III. Series: Department of the Army technical manual ; TM 5-2590-214-10-HR. OCLC 09270100

83-10839

D 101.11:5-3895-347-14&P

Operator's, organizational, direct support, general support, and depot maintenance manual (including repair parts information and supplemental operating, maintenance, and repair parts instructions) for roller, pneumatic tired variable pressure, self-propelled (CCE) Hyster model C53OA, NSN 3805-01-013-3630. — [Washington, DC] : Headquarters, Dept. of the Army, [1983]

1 v. (various pagings) : ill. ; 28 cm. — (Technical manual ; TM 5-3895-347-14&P) Cover title. "January 1983." Includes indexes. ●Item 329

1. United States. Army — Handbooks, manuals, etc. 2. Vehicles, Military — Maintenance and repair — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Title: Roller, pneumatic tired variable pressure, self-propelled (CCE) Hyster model C53OA, NSN 3895-01-013-3630. III. Series: Department of the Army technical manual ; TM 5-3895-347-14&P. OCLC 09285389

83-10840

D 101.11:5-3895-354-14&P

Operator, organizational, direct support, and general support maintenance manual, including repair parts information and supplemental operating, maintenance and repair parts instructions : heater, hot oil, trailer mounted, model 200 STM 77, NSN 3895-01-063-7892. — [Washington, DC] : Headquarters, Dept. of the Army, 1981.

1 v. (various pagings) : ill. ; 28 cm. — (Technical manual ; TM 5-3895-354-14&P) Cover title. "September 1981." Includes index. ●Item 329 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. Pavements — Equipment and supplies — Maintenance and repair. I. United States. Dept. of the Army. II. Title: Heater, hot oil, trailer mounted, model 200 STM 77, NSN 3895-01-063-7892. III. Series: Department of the Army technical manual ; TM 5-3895-354-14&P. OCLC 09277418

83-10841

D 101.11:5-3895-358-14&P

Operator's, organizational, direct support, and general support maintenance manual (including repair parts information and supplemental operating maintenance and repair parts instructions) : melter, asphalt, skid mounted, hot oil circulating, 750 GPH Chausse model STMD-3000 (NSN 3895-01-102-3564). — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

44 p. in various pagings : ill., forms ; 28 cm. — (TM ; 5-3895-358-14&P) Cover title. "December 1982." Bibliography: p. A-1. ●Item 329

1. United States. Army — Handbooks, manuals, etc. 2. United States. Army — Equipment and supplies — Maintenance and repair — Handbooks, manuals, etc. 3. Pavements — Maintenance and repair — Handbook I. United States. Dept. of the Army. II. Title: Melter, asphalt, skid mounted, hot oil circulating, 750 GPH Chausse model STMD-3000 (NSN 3895-01-102-3564). III. Series: Department of the Army technical manual ; TM 5-3895-385-14&P. OCLC 09277568

83-10842

D 101.11:9-2320-266-10-HR

Hand receipt manual covering Basic Issue Items (BII) and Additional Authorization List (AAL) for : truck, cargo, 1 1/4 ton, 4X4, M880 (2320-00-579-8942), M881 (2320-00-579-8943), M882 (2320-00-579-8957), M883 (2320-00-579-8959), M884 (2320-00-579-8985), M885 (2320-00-5579-8989); truck, cargo, 1 1/4 ton, 4X2, M890 (2320-00-579-8991), M891(2320-00-579-9046), M892(2320-00-579-9052); truck, ambulance, 1 1/4 ton, 4X4, M886 (2310-00-579-9078); truck, ambulance, 1 1/4 ton, 4X2 M893 (2310-00-125-5679); truck, telephone maintenance, tactical, 1 1/4 ton, 4X4, M888 (2320-01-044-0333). — [Washington, DC] : Headquarters, Dept. of the Army, [1981]

[18] p. : forms ; 28 cm. — (TM ; 9-2320-266-10-HR) Cover title. "This manual supers. 'es TM 9-2320-266-10-HR dated 30 November 1978"—P. [1] "December 1981." ●Item 329 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. Trucks — Maintenance and repair — Handbooks, manuals, etc. 3. Vehicles, Military — Maintenance and repair — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Series: Department of the Army technical manual ; TM 9-2320-266-10-HR. OCLC 09319260

83-10843

D 101.11:9-2330-363-14&P-HR

Hand receipt covering contents of components of end item (COEI), basic issue items (BII), and additional authorization list (AAL) for : semitrailer, van, repair facility, XM991 (2330-01-093-8322) : semitrailer, van, test station, XM995 (2330-01-093-8323). — [Washington, D.C.] : Headquarters, Dept. of the Army, 1982.

15 p. in various pagings : forms ; 28 cm. — (TM ; 9-2330-363-14 & P-HR) Cover title. "June 1982." ●Item 329

1. United States. Army — Handbooks, manuals, etc. 2. Vehicles, Military — Maintenance and repair — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Title: Semitrailer, van, repair facility, XM991 (2330-01-093-8322) : semitrailer, van, test station, XM995 (2330-01-093-8323) III. Series: Department of the Army technical manual ; TM 9-2330-363-14 & P-HR. OCLC 09246485

83-10844

D 101.11:9-2350-238-34-2

Direct and general support maintenance manual crane (CAB) components : recovery vehicle, full tracked: light, armored, M578 (2350-00-429-6242). — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

1 v. (various pagings) : ill. (some col.) ; 22 x 28 cm. — (Technical manual ; TM9-2350-238-34-2) Cover title. "This manual superdsedes TM 9-2350-238-34-2, 30 May 1973 including all changes"—P. i. "October 1982." Includes bibliographical references and index. ●Item 329

1. United States. Army — Handbooks, manuals, etc. 2. United States. Army — Equipment — Maintenance and repair — Handbooks, manuals, etc. 3. Cranes, derricks, etc. — Maintenance and repair — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Title: Recovery vehicle, full tracked: light, armored, M578 (2350-00-429-6242). III. Series: Department of the Army technical manual ; TM 9-2350-238-34-2. OCLC 09270237

83-10845

D 101.11:9-4910-387-24 P

Organizational direct support, and general support maintenance repair parts and special tools list for tester, fuel injector pump : single end drive, 150 to 3600 RPM (4910-01-037-9417) and adapter kits, fuel injector : American Bosch APE-6BB (4910-01-005-2850), American Bosch PSB-6A and PSB-6 (4910-01-005-2851), American Bosch PSB-12BT (4910-01-005-2852), Simmonds SU (4910-01-005-2853), International Harvester 3200 (4910-01-006-3073), American Bosch PSJ-6A (4910- 01-006-3072), Caterpillar (4910-01-005-2854), Roosa Master (4910-01-005-2855), and Cummins (4910-00-763-7495). — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

234 p. : ill. ; 21 x 28 cm. — (TM ; 9-4910-387-24P) Cover title. "This manual supersedes so much of TM 9-4910-387-14&P, 5 December 1974, as pertaining to Repair Parts and Special Tools List and TM 9-4910-387-20P, 20 February 1962, including all changes"—P. i. "November 1982." Includes index. ●Item 329

1. United States. Army — Handbooks, manuals, etc. 2. Fuel pumps — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Title: Tester, fuel injector pump. III. Title: Adapter kits, fuel injector. IV. Series: Department of the Army technical manual ; TM 9-4910-387-24 P. OCLC 09243000

83-10846

D 101.11:9-4931-334-13

Operator's, organizational, and direct support maintenance manual : test set, radar AN/TSM-22A (4931-00-707-1229). — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

1 v. (various pagings) : ill. ; 28 x 42 cm. — (Technical manual ; TM 9-4931-334-13) Cover title. "November 1982." Includes bibliographical references and index. ●Item 329

1. United States. Army — Handbooks, manuals, etc. 2. Radar — United States. I. United States. Dept. of the Army. II. Title: Radar AN/TSM-22A (4931-00-707-1229). III. Series: Department of the Army technical manual ; TM 9-4931-334-13. OCLC 09320583

83-10847

D 101.11:9-6920-374-12&P

Operator's and organizational maintenance manual including repair parts and special tools list for mount, gun, training device, cal .50 machine gun, M179 (6920-01-085-0608). — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

71 p. in various pagings : ill. ; 26 cm. — (Technical manual ; TM 9-6920-374-12&P) Cover title. "June 1982." Bibliography: p. A-1 - A-2. Includes index. ●Item 329

1. United States. Army — Handbooks, manuals, etc. 2. Machine-guns — Maintenance and repair — Handbooks, manuals, etc. I. Title: Mount, gun, training device, cal .50 machine gun, M179 (6920-01-085-0608). II. Series: Department of the Army technical manual ; TM 9-6920-374-12&P. OCLC 09285002

**83-10848**

**D 101.11:10-3930-631-34 P**

Direct support and general support, maintenance repair parts and special tools lists (including depot maintenance repair parts and special tools lists) for : truck, lift, fork, EMD, solid rubber tired wheels, 4000 lb. capacity, 144 and 180 in. lift Army model MHE 227, Allis Chalmers models ACE40AEE144 (NSN 3930-00-327-1603) and ACE40AEE180 (NSN 3930-00-327-1600). — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

x, 230 p. : ill. ; 28 cm. — (Technical manual ; TM 10-3930-631-34P) Cover title. "This publication supersedes TM 10-3930-631-34P dated 29 August 1975." "February 1982." ●Item 329

1. United States. Army — Handbooks, manuals, etc. 2. Trucks — Maintenance and repair — Handbooks, manuals, etc. 3. Vehicles, Military — Maintenance and repair — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Title: Truck, lift, fork, EMD, solid rubber tired wheels, 4000 lb. capacity, 144 and 180 in. lift Army model MHE 227, Allis Chalmers models ACE40AEE144 (NSN 3930-00-327-1603) and ACE40AEE180 (NSN 3930-00-327-1600). III. Series: Department of the Army technical manual ; TM 10-3930-631-34 P. OCLC 09267579

**83-10849**

**D 101.11:10-3930-634-20 P**

Organizational maintenance repair parts and special tools list : truck, forklift, diesel engine driven, pneumatic tired wheels, rough terrain, 6,000 lb. capacity 24" load center, Anthony model MLT-6-2, Army model MHE 230, NSN 3930-00-327-1575. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

1 v. (various pagings) : ill. ; 28 cm. — (Technical manual ; TM 10-3930-634-20P) Cover title. "November 1982." ●Item 329

1. United States. Army — Handbooks, manuals, etc. 2. Trucks — Maintenance and repair — Handbooks, manuals, etc. 3. Vehicles, Military — Maintenance and repair — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Title: Truck, forklift, deisel engine driven, pneumatic tired wheels, rough terrain, 6,000 lb. capacity 24" load center, Anthony model MLT-6-2, Army model MHE 230, NSN 3930-00-327-1575. III. Series: Department of the Army technical manual ; TM 10-3930-634-20 P. OCLC 09267611

**83-10850**

**D 101.11:10-3930-634-34 P**

Direct support and general support, maintenance repair parts and special tools lists : truck, forklift, diesel engine driven, pneumatic tired wheels, rough terrain, 6,000 lb capacity, 24" load center, Anthony model MLT 6-2, Army model MHE 230, NSN 3930-00-327-1575. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

1 v. (various pagings) : ill. ; 28 cm. — (Technical manual ; TM 10-3930-634-34P) Cover title. "November 1982." ●Item 329

1. United States. Army — Handbooks, manuals, etc. 2. Fork lift trucks — Maintenance and repair — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Title: Truck, forklift, diesel engine driven, pneumatic tired wheels, rough terrain, 6,000 lb capacity, 24" load center, Anthony model MLT 6-2, Army model MHE 230, NSN 3930-00-327-1575. III. Series: Department of the Army technical manual ; TM 10-3930-634-34 P. OCLC 09246509

**83-10851**

**D 101.20:5-51 K/TG**

United States. Dept. of the Army.

Plumber : trainer's guide, skill levels 1/2, MOS 51K. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

28 p. in various pagings : ill. ; 26 cm. — (FM ; 5-51K/TG) Cover title. "This publication supersedes pages 2-36, 2-37, 2-38, 2-44 and 2-60, FM 5-51N/CM, 31 October 1978"—P. i. "20 December 1982"—P. i. Bibliography: p. A-1 - A-4.

1. United States. Army — Handbooks, manuals, etc. 2. Plumbers — Training of — United States. I. Title. II. Series: United States. Dept. of the Army. Field manual ; FM 5-51 K/TG. OCLC 09285188

**83-10852**

**D 101.20:6-15 D/TG**

United States. Dept. of the Army.

Trainer's guide : MOS 15D, lance crewmember/MLRS sergeant. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

1 v. (various pagings) : ill. ; 26 cm. — (FM ; 6-15D/TG) Cover title. "This manual supersedes FM 6-15D/CM, 16 October 1979"—P. i. "1 March 1982"—P. i. Bibliography: p. A-1 - A-7. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. United States. Army Field Artillery — Handbooks, manuals, etc. 3. Lance (Missile) — Handbooks, manuals, etc. I. Title. II. Title: M.O.S. 15D lance crewmember/MLRS sergeant. III. Title: Lance crewmember/MLRS sergeant. IV. Series: United States. Dept. of the Army. Field manual ; FM 6-15 D/TG. OCLC 09273673

**83-10853**

**D 101.20:7-10/rev.**

United States. Dept. of the Army.

The infantry rifle company (infantry, airborne, air assault, ranger). — Washington, DC : Headquarters, Dept. of the Army, [1982]

1 v. (various pagings) : ill. ; 26 cm. — (FM ; 7-10) "This manual supersedes FM 7-10, 17 April 1970, including all changes; TC 7-10-1, 1 November 1972; TC 7-10-10, 31 January 1975." "8 January 1982." ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. United States. Army. Infantry — Drill and tactics. 3. Shooting — Military. I. Title. II. Series: United States. Dept. of the Army. Field manual ; FM 7-10. OCLC 09250231

**83-10854**

**D 101.20:8-94 F/TG**

United States. Dept. of the Army.

Trainer's guide : hospital food service specialist, MOS 94F. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

31 p. in various pagings : ill. ; 26 cm. — (FM ; 8-94F/TG) Cover title. "This publication supersedes FM 8-94F/CM, 26 January 1978"—P. i. "17 September 1982"-P. i. Bibliography: p. A-1 - A-4. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. Food service employees — Training of — United States. 3. Hospitals — United States — Food service. I. Title. II. Title: Hospital food service specialist, MOS 94F. III. Series: United States. Dept. of the Army. Field manual ; FM 8-94 F/TG. OCLC 09285020

**83-10855**

**D 101.20:10-76 V 3/4/rev.-2**

United States. Dept. of the Army.

Materiel storage and handling specialists. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

95 p. in various pagings : ill., forms ; 26 cm. — (FM ; 10-76V3/4) Cover title. "Soldier's manual." "MOS 76V skill levels 3 and 4." "This publication supersedes FM 10-76V3/4, 25 April 1980"—P. i. "September 1982." Bibliography: p. A-1 - A-2. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. United States. Army — Supplies and stores. I. Title. II. Series: United States. Dept. of the Army. Field manual ; FM 10-76 V 3/4. OCLC 09319462

**83-10856**

**D 101.20:10-76 W/TG**

United States. Dept. of the Army.

Trainer's guide : petroleum supply specialist. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

32 p. in various pagings : ill. ; 26 cm. — (FM ; 10-76W/TG) Cover title. "Soldier's manual." "MOS 76W." "This publication supersedes FM 10-76W/TG, 23 November 1979"—P. i. "23 August 1982"—P. i. Bibliography: p. A-1 - A-4. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. Petroleum products — Storage — Handbooks, manuals, etc. I. Title. II. Title: Petroleum supply specialist. III. Series: United States. Dept. of the Army. Field manual ; FM 10-76 W/TG. OCLC 09285435

**83-10857**

**D 101.20:10-523/rev.**

Airdrop of supplies and equipment : rigging Air Force communication control vehicles. — [Washington, DC] : Departments of the Army and the Air Force, 1982.

77 p. in various pagings : ill ; 28 cm. — (Air Force TO ; 13 C 7-14-461) (Army FM ; 10-523) Cover title. "This manual supersedes FM 10-523/TO 13C7-14-461, 28 March 1975, including all changes"—P. i. "5 March 1982"—P. i. Bibliography: p. A-1. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. United States. Air Force — Handbooks, manuals, etc. 3. Airdrop — Handbooks, manuals, etc. 4. Communications, Military — Equipment and supplies. 5. Vehicles, Military — Electric equipment. I. United States. Dept. of the Army. II. United States. Dept. of the Air Force. III. Title: Rigging Air Force communication control vehicles. IV. Series. V. Series: United States. Dept. of the Army. Field manual ; FM 10-523. OCLC 09277130

**83-10858**

**D 101.20:10-544/rev.**

Airdrop of supplies and equipment : rigging Redeye missiles. — [Washington, DC] : Departments of the Army and the Air Force, [1982]

91 p. in various pagings : ill ; 28 cm. — (Air Force TO ; 13 C 7-22-51) (Army FM ; 10-544) Cover title. "This manual supersedes FM 10-544/TO 13C7-22-51, 17 November 1978"—P. i. "30 July 1982"—P. i. Bibliography: p. A-1. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. United States. Air Force — Handbooks, manuals, etc. 3. Airdrop — Handbooks, manuals, etc. 4. Guided missiles — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. United States. Dept. of the Air Force. III. Title: Rigging Redeye missiles. IV. Series. V. Series: United States. Dept. of the Army. Field manual ; FM 10-544. OCLC 09277596

**83-10859**

**D 101.20:10-552**

Airdrop of supplies and equipment : rigging Dragon missiles. — [Washington, DC] : Departments of the Army and the Air Force, 1982.

1 v. (various pagings) : ill ; 28 cm. — (Air Force TO ; 13 C 7-22-61) (Army FM ; 10-552) Cover title. "5 March 1982"—P. i. Bibliography: p. A-1. ●Item 324 (microfiche)

1. United States. Dept. of the Army — Handbooks, manuals, etc. 2. United States. Dept. of the Air Force — Handbooks, manuals, etc. 3. Antitank missiles — Handbooks, manuals, etc. 4. Airdrop — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. United States. Dept. of the Air Force. III. Title: Rigging Dragon missiles. IV. Series. V. Series: United States. Dept. of the Army. Field manual ; FM 10-552. OCLC 09285518

**83-10860**

**D 101.20:11-26 Q 3/4/rev.**

United States. Dept. of the Army.

Soldier's manual : MOS 26Q, tactical satellite/microwave systems operator, skill levels 3 and 4. — [Washington, DC] : Headquarters, Dept. of the Army, 1983.

60 p. in various pagings : ill. ; 26 cm. — (FM ; 11-26Q3/4) Cover title. "This publication supersedes FM 11-26Q3/4, 16 October 1979"—P. i. "January 1983." Bibliography: A-1 - A-2.

1. United States. Army — Handbooks, manuals, etc. 2. Microwave communication systems — Handbooks, manuals, etc. I. Title. II. Title: MOS 26Q, tactical satellite/microwave systems operator, skill levels 1 and 2. III. Title: M.O.S. 26Q, tactical satellite/microwave systems operator, skill levels 3 and 4. IV. Series: United States. Dept. of the Army. Field manual ; FM 11-26 Q 3/4. OCLC 09285203

**83-10861**

**D 101.20:11-31 S/TG**

United States. Dept. of the Army.

Trainer's guide : MOS 31S, field general COMSEC repairer. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

62 p. in various pagings : ill. ; 26 cm. — (FM ; 11-31S/TG) Cover title. "27 August 1982"—P. i. Cheifly tables. Bibliography: p. A-1 - A-5. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. Electricians — Training of — United States. I. Title. II. Title: MOS 31S, field general COMSEC repairer. III. Title: M.O.S. 31S, field general COMSEC repairer. IV. Series: United States. Dept. of the Army. Field manual ; FM 11-31 S/TG. OCLC 09285288

**83-10862**

**D 101.20:11-34 C 4**

United States. Dept. of the Army.

Soldier's manual : MOS 34C, decentralized automated service support system (DAS3) computer repairer, skill level 4. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

48 p. in various pagings : ill. ; 26 cm. — (FM ; 11-34C4) Cover title. "October 1982." Bibliography: p. A-1. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. Computers — Maintenance and repair — Handbooks, manuals, etc. I. Title. II. Title: MOS 34C, decentralized automated service support system (DAS3) computer repairer, skill level 4. III. Series: United States. Dept. of the Army. Field manual ; FM 11-34 C 4. OCLC 09319532

83-10863

D 101.20:11-34 F 4

United States. Dept. of the Army.

Soldier's manual : MOS 34F DSTE repairer, skill level 4. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

50 p. in various pagings : ill. ; 26 cm. — (FM ; 11-34F4) Cover title. "This publication, together with FM 11-34H4, 15 October 1982, supersedes FM 11-34-B4, 16 May 1977"—P. i. "October 1982." Bibliography: p. A-1 - A-2. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. United States. Army — Equipment — Maintenance and repair. I. Title. II. Title: MOS 34F DSTE repairer, skill level 4. III. Series: United States. Dept. of the Army. Field manual ; FM 11-34 F 4. OCLC 09285598

83-10864

D 101.20:11-34 H 4

United States. Dept. of the Army.

Soldier's manual : MOS 34H automatic digital message switching equipment (ADMSE) repairer, skill level 4. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

51 p. in various pagings : ill. ; 26 cm. — (FM ; 11-34H4) Cover title. "This publication, together with FM 11-34F4, 22 October 1982, supersedes FM 11-34B4, 16 May 1977"—P. i. "October 1982." Bibliography: p. A-1 - A-2. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. Digital communications — Handbooks, manuals, etc. 3. Electronic digital computers — Maintenance and repair — Handbooks, manuals, etc. I. Title. II. Title: MOS 34H automatic digital message switching equipment (ADMSE) repairer, skill level 4. III. Series: United States. Dept. of the Army. Field manual ; FM 11-34 H 4. OCLC 09285662

83-10865

D 101.20:11-35 K/TG

United States. Dept. of the Army.

Trainer's guide : MOS 35K, avionic mechanic. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

41 p. in various pagings : ill. ; 26 cm. — (FM ; 11-35K/TG) Cover title. "This publication supersedes FM 11-35K/CM 9 January 1980"—P. i. "23 July 1982"—P. i. Bibliography: p. A-1 - A-8. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. Airplanes — Electronic equipment — Maintenance and repair — Handbooks, manuals, etc. 3. Electronics in aeronautics. I. Title. II. Title: MOS 35K, avionic mechanic. III. Series: United States. Dept. of the Army. Field manual ; FM 11-36 K/TG. OCLC 09319804

83-10866

D 101.20:11-36 H 1/2/rev.

United States. Dept. of the Army.

Soldier's manual : MOS 36H dial/manual cemtral office repairer, skill levels 1 and 2. — [Washington, DC] : Headquarters, Dept. of the Army, 1982].

1 v. (various pagings) : ill. ; 26 cm. — (FM ; 11-36H1/2) Cover title. "This publication supersedes FM 11-36H1/2, 26 February 1980"—P. [i] "March 1982." Bibliography: p. A-1 - A-6. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. Military telephone — United States — Maintenance and repair. 3. Telephone, Dial — Maintenance and repair. I. Title. II. Title: MOS 36H dial/manual central office repairer, skill levels 1 and 2. III. Series: United States. Dept. of the Army. Field manual ; FM 11-36 H 1/2. OCLC 09285359

83-10867

D 101.20:11-72 E 3/4

United States. Dept. of the Army.

Soldier's manual : MOS 72E, combat telecommunications center operator, skill levels 3 and 4. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

1 v. (various pagings) : ill. ; 26 cm. — (FM ; 11-72E3/4) Cover title. "This publication supersedes FM 11-72E3, 10 August 1979 and FM 11-72E4, 20 June 1980"—P. i. "September 1982." Bibliography: p. A-1 - A-2. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. Telecommunication systems — Maintenance and repair — Handbooks, manuals, etc. I. Title. II. Title: MOS 72E combat telecommunications center operator, skill levels 3 and 4. III. Series: United States. Dept. of the Army. Field manual ; FM 11-72 E 3/4. OCLC 09277464

83-10868

D 101.20:14-73 C

United States. Dept. of the Army.

Soldier's manual : finance specialist, skill level 1/2/3/4. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

1 v. (various pagings) : ill. ; 26 cm. — (FM ; 14-73C) Cover title. "MOS 73C." "This publication supersedes FM 14-73C1/2, 1 June 1979, and FM 14-73C3/4, 1 June 1979"—P. i. "May 1982." Bibliography: p. A-1 - A-2. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. United States. Army — Finance — Handbooks, manuals, etc. I. Title. II. Title: Finance specialist. III. Series: United States. Dept. of the Army. Field manual ; FM 14-73 C. OCLC 09277240

83-10869

D 101.20:23-34-1

United States. Dept. of the Army.

Improved tow vehicle, M901. — [Washington, DC : Headquarters, Dept. of the Army], 1982.

1 v. (various pagings) : ill. (some col.) ; 26 cm. — (FM ; 23-34-1) Cover title. "June 1982." Bibliography: p. A-1 - A-3. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. Tanks (Military science) — Handbooks, manuals, etc. I. Title. II. Series: United States. Dept. of the Army. Field manual ; FM 23-34-1. OCLC 09319558

83-10870

D 101.20:31-4

United States. Dept. of the Army.

Special Forces, soldier's manual of comman tasks for SQI S. — [Washington, D.C.] : Headquarters, Dept. of the Army, 1982.

1 v. (various pagings) : ill. ; 26 cm. — (FM ; 31-4) Cover title. "This publication supersedes Chapter 2 of FM 31-11B-S, 16 October 1979; FM 31-11C-S, 2 September 1980; FM 31-12B-S, 13 April 1981; and FM 31-31V-S, 1 July 1981"—P. i. "November 1982." Bibliography: p. A-1 - A-4.

1. United States. Army — Handbooks, manuals, etc. 2. United States. Army. Special Forces — Handbooks, manuals, etc. 3. Special operations (Military Science) — Handbooks, manuals, etc. I. Title. II. Series: United States. Dept. of the Army. Field manual ; FM 31-4. OCLC 09277815

83-10871

D 101.20:31-11 B-S/rev.

United States. Dept. of the Army.

Special Forces soldier's manual for MOS 11 B (SQI S). — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

1 v. (various pagings) : ill. ; 26 cm. — (FM ; 31-11B-S) Cover title. "This publication supersedes FM 31-11B-S, 16 October 1979"—P. i. "November 1982." Bibliography: p. A-1 - A-3.

1. United States. Army. Special Forces — Handbooks, manuals, etc. 2. Special operations (Military science) — Handbooks, manuals, etc. I. Title. II. Series: United States. Dept. of the Army. Field manual ; FM 31-11 B-S. OCLC 09277612

83-10872

D 101.20:34-21

United States. Dept. of the Army.

Military Intelligence Battalion : (CEWI) (Operations) (Corps). — [Washington, D.C. : Headquarters, Dept. of the Army], 1982.

87 p. in various pagings : ill. ; 28 cm. — (FM ; 34-21) Cover title. "November 1982." Bibliography: p. A-1 - A-2. Includes index.

1. United States. Army — Handbooks, manuals, etc. 2. Military intelligence — Handbooks, manuals, etc. I. Title. II. Series: United States. Dept. of the Army. Field manual ; FM 34-21. OCLC 09277569

83-10873

D 101.20:34-97 B/TG

United States. Dept. of the Army.

Trainer's guide : MOS 97B, counterintelligence agent. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

37 p. in various pagings : ill. ; 26 cm. — (FM ; 34-97B/TG) Cover title. "This publication supersedes FM 34-97B/CM, 14 May 1980"—P. i. "23 July 1982"—P. i. Bibliography: A-1 - A-2. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. Military intelligence — Handbooks, manuals, etc. I. Title. II. Title: MOS 97B, counterintelligence agent. III. Series: United States. Dept. of the Army. Field manual ; FM 34-97 B/TG. OCLC 09284973

83-10874

D 101.20:44-16 B/TG

United States. Dept. of the Army.

Trainer's guide : Hercules Missile crewmember. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

45 p. in various pagings : ill. ; 26 cm. — (FM ; 44-16 B/TG) Cover title. "This manual supersedes FM 44-16B/CM, 8 July 1977"—P. i. "5 March 1982"—P. i. Bibliography: p. A-1 - A-3. "MOS 16B." ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. Nike rocket — Handbooks, manuals, etc. I. Title. II. Title: Hercules Missile crewmember. III. Series: United States. Army. Field manual ; FM 44-16 B/TG. OCLC 09319287

83-10875

D 101.20:44-18

United States. Dept. of the Army.

Air defense artillery employment stinger. — Washington, DC : Headquarters, Dept. of the Army, 1981.

1 v. (various pagings) : ill. (some col.) ; 28 cm. — (Field manual ; 44-18) "30 September 1981" Includes index. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. Air defenses — Handbooks, manuals, etc. 3. Combat — Handbooks, manuals, etc. I. Title. II. Series: United States. Dept. of the Army. Field manual ; FM 44-18. OCLC 09003748

83-10876

D 101.20:44-24 G

United States. Dept. of the Army.

Soldier's manual : improved Hawk information coordination central mechanic. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

1 v. (various pagings) : ill. ; 26 cm. — (FM ; 44-24G) Cover title. "MOS 24G skill levels 1 thru 3." "August 1982." Bibliography: p. A-1 - A-4. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. Hawk (Missile) — Maintenance and repair — Handbooks, manuals, etc. I. Title. II. Title: Improved Hawk information coordination central mechanic. III. Series: United States. Dept. of the Army. Field manual ; FM 44-24 G. OCLC 09277562

83-10877

D 101.20:55-67 G/TG

United States. Dept. of the Army.

Trainer's guide : utility/cargo airplane repairer, MOS 67G. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

41 p. in various pagings : ill. ; 28 cm. — (FM ; 55-67G/TG) Cover title. "This publication together with FM 55-67H/TG, 28 June 1982, supersedes FM 55-67G/CM, 30 August 1977"—P. i. "28 June 1982"—P. i. Bibliography: p. A-1 - A-3. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. Airplanes, Military — Maintenance and repair — Handbooks, manuals, etc. I. Title. II. Title: Utility/cargo airplane repairer, MOS 67G. III. Series: United States. Dept. of the Army. Field manual ; FM 55-67 G/TG. OCLC 09292940

83-10878

D 101.20:55-68 M/TG

United States. Dept. of the Army.

Trainer's guide : aircraft weapons systems repairer, MOS 68M, skill levels 1/2/3. — [Washington, DC] : Headquarters, Dept. of the Army, 1983.

51 p. in various pagings : ill. ; 26 cm. — (FM ; 55-68M/TG) Cover title. "This publication supersedes FM 55-68M/CM, 26 October 1979"—P. i. "14 January 1983"—P. i. Bibliography: p. A-1 - A-6.

1. United States. Army — Handbooks, manuals, etc. 2. Airplanes, Military — Armament — Maintenance and repair. I. Title. II. Title: Aircraft weapons systems repairer, MOS 68M, skill levels 1/2/3. III. Series: United States. Dept. of the Army. Field manual ; FM 55-68 M/TG. OCLC 09267681

83-10879

D 101.20:90-5

United States. Dept. of the Army.

Jungle operations. — [Washington, DC : Headquarters, Dept. of the Army, 1982]

1 v. (various pagings) : ill. (some col.), 1 map ; 26 cm. — (FM ; 90-5) Cover title. "This manual supersedes FM 31-35, 26 September 1969"—P. i. "16 August 1982"—P. i. Bibliography: p. A-1 - A-3. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. Jungle warfare — Handbooks, manuals, etc. I. Title. II. Series: United States. Dept. of the Army. Field manual ; FM 90-5. OCLC 09003928

83-10880

D 101.20:100-5/3

United States. Dept. of the Army.

Operations. — [Washington, DC : Headquarters, Dept. of the Army, 1982]

1 v. (various pagings) : ill. (some col.) ; 26 cm. — (FM ; 100-5) Cover title. "This publication supersedes FM 100-5, 1 July 1976"—P. i. "20 August 1982"—P. i. Bibliography: p. A-1 - A-3. ●Item 324 (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. Military art and science — United States. 3. Attack and defense (Military science) I. Title. II. Series: United States. Dept. of the Army. Field manual ; FM 100-5. OCLC 09003908

83-10881

D 101.20/2:29-146

United States. Dept. of the Army.

Headquarters and Headquarters Company, Supply and Service Battalion : Army Training and Evaluation Program. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

1 v. (various pagings) : ill. ; 26 cm. — (ARTEP ; 29-146) Cover title. "This ARTEP supersedes ARTEP 29-146, 6 July, 1979"—P. i. "19 November 1981"—P. i. Bibliography: p. A-1 - A-8. ●Item 324-A (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. Military education — United States — Handbooks, manuals, etc. 3. Command of troops — Handbooks, manuals, etc. I. Title. II. Title: Army Training and Evaluation Program. III. Series: United States. Dept. of the Army. Army training and evaluation program ; ARTEP 29-136. OCLC 09285236

83-10882

D 101.22:135-5-1

United States. Dept. of the Army.

REQUEST user manual for reception stations. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

1 v. (various pagings) ; 28 cm. — (Department of the Army pamphlet ; no. 135-5-1) Cover title. "August 1982." ●Item 327-E (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. United States. Army — Management — Data processing — Handbooks, manuals, etc. 3. Management information systems — Data processing — Handbooks, manuals, etc. I. Title. II. Title: R.E.Q.U.E.S.T. user manual for reception stations. III. Series: DA pam ; 135-5-1. OCLC 09267650

83-10883

D 101.22:140-8-1

United States. Dept. of the Army.

REQUEST user manual for US Army Reserve guidance counselors. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

1 v. (various pagings) ; 28 cm. — (Department of the Army pamphlet ; no. 140-8-1) Cover title. "August 1982." ●Item 327-E (microfiche)

1. United States. Army Reserve — Handbooks, manuals, etc. 2. United States. Army — Personnel management — Data processing. I. Title. II. Title: R.E.Q.U.E.S.T. user manual for US Army Reserve guidance counselors. III. Series: DA pam ; 140-8-1. OCLC 09277761

83-10884

D 101.22:140-8-3

Request user manual for Office, Chief Army Reserve, US Army Forces Command, USAR managers, US Army Headquarters. — [Washington, DC] : Headquarters, Dept. of the Army, 1982.

1 v. (various pagings) ; 28 cm. — (Department of the Army pamphlet ; no. 140-8-3) Cover title. "August 1982." ●Item 327-E (microfiche)

1. United States. Army — Handbooks, manuals, etc. 2. Management information systems. I. United States. Dept. of the Army. II. Series: DA pam ; 140-8-3. OCLC 09273462

83-10885

D 101.22:690-7

Administering the labor agreement. — Washington, D.C. : Headquarters, Dept. of the Army, 1982.

28 p. in various pagings ; 28 cm. — (Department of the Army pamphlet ; 690-7) Cover title. At head of title: Leaders guide. "April 1982." ●Item 327-E

1. Labor contract — Management. 2. Administrative responsibility — Public relations. 3. Management — Decision making. 4. Labor policy — Management. I. United States. Dept. of the Army. II. Series: DA pam ; 690-7. OCLC 08876840

83-10886

D 101.25:43-0001-40-1

Equipment improvement report and maintenance digest (US Army Tank-Automotive Command) : commercial automotive equipment (Jan thru Jun-1st half CY 82). — [Washington, D.C.] : Headquarters, Dept. of the Army, 1982.

26 p. in various pagings ; 25 cm. — (Department of the Army technical bulletin ; TB 43-0001-40-1) Cover title. "1 July 82." ●Item 425-B

1. United States. Army — Handbooks, manuals, etc. 2. United States. Army — Equipment — Maintenance and repair. 3. Automobiles — Equipment and supplies. I. United States. Dept. of the Army. II. Title: Commercial automotive equipment (Jan thru Jun-1st half CY 82). III. Series: Army TB ; 43-0001-40-1. OCLC 09270074

83-10887

D 101.25:43-0001-42-1

Equipment improvement report and maintenance digest (US Army Tank-Automotive Command) : material handling equipment (Jan thru Jun-1st half CY 82). — [Washington, D.C.] : Headquarters, Dept. of the Army, 1982.

33 p. in various pagings : ill. ; 25 cm. — (Department of the Army technical bulletin ; TB 43-0001-42-1) Cover title. "1 July 82." ●Item 325-B

1. United States. Army — Handbooks, manuals, etc. 2. United States. Army — Equipment — Maintenance and repair. I. United States. Dept. of the Army. II. Series: Army TB ; 43-0001-42-1. OCLC 09270029

83-10888

D 101.60/2:1234

Osborn, William C. (William Courtland), 1934-

The retention of tank crewman skills / William C. Osborn, Charlotte H. Campbell, and James H. Harris. — Alexandria, Va. : U.S. Army Research Institute for the Behavioral and Social Sciences, [1979]

viii, 125 p. : ill. ; 27 cm. — (Research report ; 1234) "Human Resources Research Organization." "ARI Field Unit at Fort Knox, Kentucky." "December 1979." Contract no.: DAHC 19-76-C-0001. "Army project number 2Q162722A764." ●Item 330-E-1 (microfiche)

1. Tank crews — Performance. I. Campbell, Charlotte H. II. Harris, James H. (James Harry), 1944- III. U.S. Army

Research Institute for the Behavioral and Social Sciences. ARI Field Unit at Fort Knox. IV. Human Resources Research Organization. V. Title. VI. Series: Research report (U.S. Army Research Institute for the Behavioral and Social Sciences) ; 1234. OCLC 09269721

**83-10889**

**D 101.60/2:1267**

Klein, Ronald D.

Analysis of the threat oriented marksmanship training capabilities of the Infantry Remoted Target System (IRETS) / Ronald D. Klein and Jeffery L. Maxey. — Alexandria, Va. : U.S. Army Research Institute for the Behavioral and Social Sciences, [1980]

ix, 28 p. ; 28 cm. — (Research report ; 1267) "Defense Sciences Laboratories, Litton-Mellonics Systems Development Division." "ARI Field Unit at Fort Benning, Georgia." "September 1980." Includes bibliographical references. Contract no.: DAHC 19-77-C-0011. "Army project number 2Q763743A773." ●Item 330-E-1 (microfiche)

1. Shooting, Military. 2. Rifle practice. I. Maxey, Jeffery L. II. U.S. Army Research Institute for the Behavioral and Social Sciences. ARI Field Unit at Fort Benning. III. Defense Sciences Laboratories (Litton Industries) IV. Title. V. Series: Research report (U.S. Army Research Institute for the Behavioral and Social Sciences) ; 1267. OCLC 08273873

## ENGINEERS CORPS

Orders or requests for publications listed below which are not sold by the Supt. of Docs. should be sent to the preparing and issuing office indicated. Address requests to the U.S. Army Corps of Engineers and add the City and State shown. Publications shown as initiated and issued by the Chief of Engineers should be ordered from Office of the Chief of Engineers, Publications Depot, 890 Pickett St., Alexandria, Va. 22304.

**83-10890**

**D 103.2:Il 6/981**

Illinois waterway : the connecting link between the Great Lakes, St. Lawrence Seaway, and Mississippi River. — [Washington, D.C.?] : U.S. Army, Corps of Engineers, 1981.

1 sheet : col. ill., 1 col. map ; 46 x 61 cm. folded to 23 x 11 cm. ●Item 337

1. Waterways — Illinois — Illinois River. 2. Illinois River (Ill.) — History. I. United States. Army. Corps of Engineers. OCLC 09273813

**83-10891**

**D 103.8:31/4**

The Ports of Oakland-Alameda, Richmond, and ports on Carquinez Strait, California / prepared by the Water Resources Support Center. — Rev. 1982. — Fort Belvoir, VA : U.S. Army, Corps of Engineers : For sale by Water Resources Support Center, 1982.

vi, 123 : ill., 1 map ; 26 cm. — (Port series ; no. 31) Three folded maps in pocket. ●Item 340

1. Harbors — California. I. United States. Army. Corps of Engineers. II. Water Resources Support Center (U.S.) III. Series: Port series (United States. Army. Corps of Engineers) ; no. 31. OCLC 09071469

**83-10892**

**D 103.33/12:81-21**

O'Brien, Harold W.

Near-infrared reflectance of snow-covered substrates / Harold W. O'Brien and Gary Koh ; prepared for Office of the Chief of Engineers by United States Army, Corps of Engineers, Cold Regions Research and Engineering Laboratory. — Hanover, N.H. : The Laboratory, [1981]

iii, 17 p. : ill. ; 28 cm. — (CRREL report ; 81-21) "November 1981." Bibliography: p. 16-17. "Contract no. NOAA/NESS P.O. 7-13817"—Rept. doc. p. ●Item 335-B (microfiche)

1. Reflectance. 2. Plant growing media. I. Koh, Gary. II. U.S. Army Cold Regions Research and Engineering Laboratory. III. United States. Army. Corps of Engineers. IV. Title. V. Series. GB2405.C6 Report 81-21 OCLC 08164952

**83-10893**

**D 103.33/12:82-6**

Arcone, Steven A.

Measurement of ground dielectric properties using wide-angle reflection and refraction / Steven A. Arcone and Allan J. Delaney ; prepared for Office of the Chief of Engineers. — Hanover, N.H. : U.S. Army Corps of Engineers, Cold Regions Research & Engineering Laboratory, [1982]

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1. Dielectric measurements. 2. Radar — Equipment and supplies. I. Delaney, Allan J. II. U.S. Army Cold Regions Research and Engineering Laboratory. III. United States. Army. Corps of Engineers. IV. Title. V. Series. OCLC 08830168

**83-10894**

**D 103.33/12:82-16**

Tucker, Walter B.

Application of a numerical sea ice model to the east Greenland area / Walter B. Tucker III ; prepared for Office of Naval Research. — [Hanover, N.H.] : U.S. Army Corps of Engineers, Cold Regions Research & Engineering Laboratory, [1982]

v, 40 p. : ill. ; 29 cm. — (CRREL report ; 82-16) "August 1982." Bibliography: p. 39-40. ●Item 335-B (microfiche)

1. Sea ice — Greenland. I. United States. Office of Naval Research. II. U.S. Army Cold Regions Research and Engineering Laboratory. III. Title. IV. Series. OCLC 08949168

**83-10895**

**D 103.33/12:82-17**

Albert, Donald G.

Seismic site characterization techniques applied to the NATO RSG-11 test site in Munster Nord, Federal Republic of Germany / Donald G. Albert ; prepared for Office of the Chief of Engineers. — [Hanover, N.H.] : U.S. Army Corps of Engineers, Cold Regions Research & Engineering Laboratory, 1982.

iv, 33 p. : ill. ; 28 cm. — (CRREL report ; 82-17) "July 1982." Bibliography: p. 14. "DA project 4A762730AT42, technical area B, work unit 002"—Rpt. doc. page. ●Item 335-B (microfiche)

1. Seismic refraction method. 2. Seismic waves. 3. Seismology — Germany (West) I. U.S. Army Cold Regions Research and Engineering Laboratory. II. United States. Army. Corps of Engineers. III. Title. IV. Series. OCLC 08800281

**83-10896**

**D 103.33/12:82-18**

Minsk, L. D. (L. David)

Optimizing deicing chemical application rates / L. David Minsk ; prepared for Federal Highway Administration. — Hanover, N.H. : U.S. Army Corps of Engineers, Cold Regions Research & Engineering Laboratory, 1982.

vi, 55 p. : ill. ; 28 cm. — (CRREL report ; 82-18) "August 1982." Bibliography: p. 31. ●Item 335-B (microfiche)

1. Deicing chemicals. 2. Roads — Snow and ice control. I. U.S. Army Cold Regions Research and Engineering Laboratory. II. United States. Federal Highway Administration. III. Title. OCLC 08833130

**83-10897**

**D 103.33/12:82-19**

Wastewater applications in forest ecosystems / H.L. McKim ... [et al.] ; prepared for Office of the Chief of Engineers. — [Hanover, N.H.] : U.S. Army Corps of Engineers, Cold Regions Research & Engineering Laboratory, 1982.

iv, 22 p. : ill. ; 28 cm. — (CRREL report ; 82-19) "August 1982." Bibliography: p. 21-22. ●Item 335-B (microfiche)

1. Forests and forestry. 2. Reforestation. 3. Sewage — Purification. I. McKim, H. L. II. United States. Army. Corps of Engineers. III. U.S. Army Cold Regions Research and Engineering Laboratory. IV. Series. OCLC 08833214

**83-10898**

**D 103.33/12:82-20**

Albert, Donald G.

Deceleration of projectiles in snow / Donald G. Albert and Paul W. Richmond III ; prepared for Office of the Chief of Engineers. — [Hanover, N.H.] : U.S. Army Corps of Engineers, Cold Regions Research & Engineering Laboratory, 1982.

iii, 29 p. : ill. ; 28 cm. — (CRREL report ; 82-20) "August 1982." Bibliography: p. 9. "DA project 4A762730AT42, tech area B, work units 2 and 9."—Rpt. doc. page. ●Item 335-B (microfiche)

1. Snow. 2. Centrifugal force. 3. Mortars (Ordnance) I. Richmond, Paul W. II. United States. Army. Corps of Engineers. III. U.S. Army Cold Regions Research and Engineering Laboratory. IV. Title. V. Series. OCLC 08830270

**83-10899**

**D 103.33/12:82-21**

St. Lawrence, W. F.

Acoustic emissions from polycrystalline ice / William F. St. Lawrence and David M. Cole. — [Hanover, N.H.] : U.S. Army Corps of Engineers, Cold Regions Research & Engineering Laboratory, 1982.

iv, 15 p. : ill. ; 28 cm. — (CRREL report ; 82-21) "August 1982." Bibliography: p. 15. "DA project 4A161101A91D, work unit 336."-Rpt. doc. p. ●Item 335-B (microfiche)

1. Acoustic emission. 2. Ice. I. Cole, D. M. II. U.S. Army Cold Regions Research and Engineering Laboratory. III. Title. IV. Series. OCLC 08833045

**83-10900**

**D 103.33/12:82-22**

Lunardini, Virgil J.

Conduction phase change beneath insulated heated or cooled structures / Virgil J. Lunardini. — Hanover, N.H. : U.S. Army Corps of Engineers Cold Regions Research & Engineering Laboratory, 1982.

vi, 40 p. : ill. ; 28 cm. — (CRREL report ; 82-22) "August 1982." Bibliography: p. 14-15. ●Item 335-B (microfiche)

1. Heat — Conduction. 2. Insulation (Heat) I. U.S. Army Cold Regions Research and Engineering Laboratory. II. Title. III. Series. OCLC 08830342

**83-10901**

**D 103.33/12:82-23**

Ross, Michael D.

Direct filtration of streamborne glacial silt / Michael D. Ross, Richard A. Lowman and Robert S. Sletten ; prepared for Office of the Chief of Engineers. — [Hanover, N.H.] : U.S. Army Corps of Engineers, Cold Regions Research & Engineering Laboratory, [1982]

v, 17 p. : ill. ; 28 cm. — (CRREL report ; 82-23) "Trans-Alaska Engineering"—Rept. doc. p. "September 1982." Bibliography: p. 17. "DA project 4A762730AT42, task D (04), work unit 16"—Rept. doc. p. ●Item 355-B (microfiche)

1. Cold regions. 2. Glaciers — Alaska. I. Lowman, Richard A. II. Sletten, Robert S. III. Trans-Alaska Engineering. IV. U.S. Army Cold Regions Research and Engineering Laboratory. V. United States. Army. Corps of Engineers. VI. Title. VII. Series. OCLC 08948816

**83-10902**

**D 103.42/10:78-4**

Everts, Craig H.

Geometry of profiles across Inner Continental Shelves of the Atlantic and Gulf coasts of the United States / by Craig H. Everts. — Fort Belvoir, Va. : U.S. Army, Corps of Engineers, Coastal Engineering Research Center ; Springfield, Va. : National Technical Information Service, Operations Division [distributor, 1978]

92 p. : ill. ; 27 cm. — (Technical paper ; no. 78-4) Cover title. "April 1978." Bibliography: p. 29. ●Item 334-A-24 (microfiche)

1. Continental shelf — Gulf States. I. Coastal Engineering Research Center (U.S.) II. Title. III. Series: Technical paper (Coastal Engineering Research Center (U.S.)) ; no. 78-4. OCLC 04053448

**83-10903**

**D 103.42/12:81-6**

Everts, Craig H.

A method to forecast sedimentation rates resulting from the settlement of suspended solids within semienclosed harbors / by Craig H. Everts. — Fort Belvoir, Va. : U.S. Army, Corps of Engineers, Coastal Engineering Research Center ; Springfield, Va. : National Technical Information Service, Operations Division [distributor, 1981]

19 p. : ill., maps ; 28 cm. — (Coastal engineering technical aid ; no. 81-6) Cover title. "June 1981." Bibliography: p. 19. ●Item 334-A-18 (microfiche)

1. Sedimentation and deposition — Mathematical models. 2. Sediment, Suspended. 3. Harbors — Alaska. I. Coastal Engineering Research Center (U.S.) II. Title. III. Series. OCLC 07748398

**83-10904**

**D 103.42/12:81-15**

Hemsley, J. Michael (James Michael), 1944-

Guidelines for establishing coastal survey base lines / by J. Michael Hemsley. — Fort Belvoir, Va. : U.S. Army, Corps of Engineers, Coastal Engineering Research Center ; Springfield, Va. : National Technical Information Service, Operations Division [distributor, 1981]

19 p. ; 28 cm. — (Coastal engineering technical aid ; no. 81-15) Cover title. "November 1981." Bibliography: p. 16-18. ●Item 334-A-18 (microfiche)

1. Bench-marks — United States. 2. Coasts — United States. I. Coastal Engineering Research Center (U.S.) II. Title. III. Series. OCLC 08124117

**83-10905**

**D 103.45/3:974**

Stages and discharges of the Mississippi River and tributaries in the St. Louis district / U.S. Army Engineer District, St. Louis, Corps of Engineers. Vicksburg, Miss. : The District, U.S. Army Engineer District, St. Louis, 210 N. 12th Street, St. Louis, Mo. 63101

v. : col. map ; 27 cm.

Annual

Began with 1965. Spine title: Stages & discharges of the Miss. R. & tributaries in the S.L.D. (1972-) 1974. Description based on: 1972. ISSN 0091-7109 Continues in part: Stages and discharges of the Mississippi River and its outlets and tributaries

1. Stream measurements — Mississippi River — Periodicals. I. United States. Army. Corps of Engineers. St. Louis District. OCLC 03172889

**83-10906**

**D 103.45/3:975**
D 103.45/3:976

Stages and discharges of the Mississippi River and tributaries in the St. Louis district / U.S. Army Engineer District, St. Louis, Corps of Engineers. Vicksburg, Miss. : The District, U.S. Army Engineer District, St. Louis, 210 N. 12th Street, St. Louis, Mo. 63101

v. : col. map ; 27 cm.

Annual

Began with 1965. Spine title: Stages & discharges of the Miss. R. & tributaries in the S.L.D. (1972-) 1975; 1976. Description based on: 1972. ISSN 0091-7109 Continues in part: Stages and discharges of the Mississippi River and its outlets and tributaries

1. Stream measurements — Mississippi River — Periodicals. I. United States. Army. Corps of Engineers. St. Louis District. OCLC 03172889

**83-10907**

**D 103.49/3:En 8**

United States. Army. Corps of Engineers. Mobile District.

Inventory of basic environmental data, Alabama / prepared by the U.S. Army Corps of Engineers, Mobile District and the State of Alabama Office of State Planning and Federal Programs, State Planning Division ; prepared by Soil Systems, Inc. Marietta, Georgia under Contract no. DACW-01-78-C-0249 ; cartographic services by Booker Associates, Inc. — Scale 1:250,000 ; Transverse Mercator proj. (W 88°—W 85°/N 35°—N 30°). —— [Mobile, Ala.?] : The District, [1981]

1 atlas (325 p.) : maps (some col.) ; 58 x 88 cm. Cover title: Environmental data inventory, State of Alabama. "January 1, 1981"—Cover. Bibliography: p. 9. ●Item 334-C-1

1. Natural resources — Alabama — Maps. 2. Alabama — Economic conditions — Maps. I. Alabama. State Planning Division. II. Booker Associates. III. Soil Systems. IV. Title. V. Title: Environmental data inventory, State of Alabama. OCLC 08441016

**83-10908**

**D 103.53:M-307**

Axford, Roy.

Evaluation of applicability of standard CW EMI/RFI shielding effectiveness test techniques to assessment of EMP hardness of tactical shelters / by Roy Axford, Ray McCormack, Raj Mittra. — Champaign, Ill. : Construction Engineering Research Laboratory, U.S. Army, Corps of Engineers ; [Springfield, VA : National Technical Information Service, distributor, 1982]

57 p. : ill. ; 28 cm. — (Technical report ; M-307) Cover title. "March 1982." Bibliography: p. 32-33. ●Item 335-A (microfiche)

1. Electromagnetic waves. 2. Shielding (Electricity). 3. Electromagnetic fields. I. McCormack, R. G. (Raymond G.) II. Mittra, Raj. III. Construction Engineering Research Laboratory. IV. Title. V. Series: Technical report (Construction Engineering Research Laboratory) ; M-307. OCLC 08354415

**83-10909**

**D 103.53:M-309**

Kearney, F. (Frank)

Electro-optic system for nondestructive testing of field welds / by Frank W. Kearney, Chester S. Gardner. — Champaign, Ill. : Construction Engineering Research Laboratory, U.S. Army, Corps of Engineers ; [Springfield, VA : National Technical Information Service, distributor, 1982]

15 p. : ill. ; 29 cm. — (Technical report ; M-309) Cover title. "NDT weld quality monitor/semi-automatic welding." "March 1982." Bibliography: p. 10. ●Item 335-A (microfiche)

1. Electrooptics. 2. Non-destructive testing. 3. Welded joints — Testing. I. Gardner, Chester S. II. Construction Engineering Research Laboratory. III. Title. IV. Series: Technical report (Construction Engineering Research Laboratory) ; M-309. OCLC 08561653

**83-10910**

**D 103.53:N-102**

Smith, Edgar Dean.

Upgrading DA trickling-filter sewage treatment plants / by E.D. Smith, C.P. Poon, R.D. Miller. — Champaign, Ill. : Construction Engineering Research Laboratory, U.S. Army, Corps of Engineers ; [Springfield, VA : National Technical Information Service, distributor, 1981]

117 p. : ill. ; 28 cm. — (Technical report ; N-102) Cover title. "May 1981." Bibliography: p. 88-90. ●Item 335-A (microfiche)

1. Sewage — Purification — Rotating disc process. 2. Sewage disposal plants — United States. I. Poon, C. P. II. Miller, R. D. (Roy Deen), 1946- III. Construction Engineering Research Laboratory. IV. Title. V. Title: Upgrading D.A. trickling-filter sewage treatment plants. VI. Series: Technical report (Construction Engineering Research Laboratory) ; N-102. OCLC 07582555

**83-10911**

**D 103.53:N-126**

Evaluation of rotating biological contactor technology for civil works recreational areas / by Ed D. Smith ... [et al.]. — Champaign, Ill. : Construction Engineering Research Laboratory, U.S. Army, Corps of Engineers ; [Springfield, VA : National Technical Information Service, distributor, 1982]

100 p. : ill. ; 28 cm. — (Technical report ; N-126) Cover title. "April 1982." Includes bibliographical references. ●Item 335-A (microfiche)

1. Recreation areas — United States — Maintenance. 2. Sewage — Purification — Biological treatment. I. Smith, Edgar Dean. II. Construction Engineering Research Laboratory. III. Series: Technical report (Construction Engineering Research Laboratory) ; N-126. OCLC 08617537

**83-10912**

**D 103.53/2:P-130**

O'Connor, M. J. (Michael John), 1945-

Spectral equivalence of deterministic and stochastic models for time series with a periodic component / by Michael John O'Connor. — Champaign, Ill. : Construction Engineering Research Laboratory, U.S. Army, Corps of Engineers ; [Springfield, VA : National Technical Information Service, distributor, 1982]

vi, 65 p. : ill. ; 28 cm. — (Technical manuscript ; P-130) Cover title. "May 1982." Bibliography: p. 64-65. ●Item 335-A (microfiche)

1. Time-series analysis — Mathemaical models. I. Construction Engineering Research Laboratory. II. Title. III. Series: Technical manuscript (Construction Engineering Research Laboratory) ; P-130. OCLC 08861044

83-10913

D 103.57:82-C 07

Analytical bibliography for water supply and conservation techniques / by John Boland ... [et al.] ; submitted to the U.S. Army Institute for Water Resources by Planning and Management Consultants, Ltd., under contract DACW72-80-C-0028. — Fort Belvoir, Va. : U.S. Army Corps of Engineers, Engineer Institute for Water Resources ; [Springfield, Va. : National Technical Information Service, distributor] 1982.

1 v. (various pagings) ; 28 cm. — (Contract report ; 82-C07) "January 1982." Includes indexes. ●Item 337-B-3 (microfiche)

1. Water-supply — United States — Bibliography. 2. Water resources development — United States — Bibliography. I. Boland, John, 1936- II. U.S. Army Engineer Institute for Water Resources. III. Planning and Management Consultants. IV. Series: IWR contract report ; 82-C 07. OCLC 08460104

## U.S. ARMY AIR MOBILITY RESEARCH AND DEVELOPMENT LABORATORY
## Fort Eustis, VA 23604

83-10914

D 117.8/2:TR-81-D-10

White, M. L. (Mark Lawrence), 1932-

MM&T—low cost production/installation of urethane leading edge guards on rotor blades / M.L. White, A.L.Belbruno ; prepared for U.S. Army Aviation Research and Development Command, Applied Technology Laboratory, U.S. Army Research and Technology Laboratories (AVRADCOM). — St. Louis, Mo. : The Command ; Fort Eustis, Va. : The Laboratory, [1981]

56 p. : ill. ; 26 cm. — (USAAVRADCOM-TR ; 81-D-10) Cover title. "Final report for period 23 August 1979 - 9 December 1980." "Kaman Aerospace Corporation." "June 1981." Contract no.: DAAK51-79-C-0024. ●Item 322-B-1 (microfiche)

1. Rotors (Helicopters) — Aerodynamics. 2. Urethanes. 3. Blades. I. Belbruno, A. L. II. United States. Army Aviation Research and Development Command. III. Army Research and Technology Laboratories (U.S.). Applied Technology Laboratory. IV. Title. V. Title: M.M. and T.—low cost production/installation of urethane leading edge guards on rotor blades. VI. Series: AVRADCOM technical report ; 81-D-10. OCLC 09285295

83-10915

D 117.8/2:TR-81-D-26

Tranbarger, O.

Helicopter model studies for on-board electrostatic sensors / O. Tranbarger, B.M. Duff, T.E. Owen ; prepared for Applied Technology Laboratory, U.S. Army Research and Technology Laboratories (AVRADCOM). — Fort Eustis, Va. : The Laboratory, [1981]

283 p. : ill. ; 27 cm. — (USAAVRADCOM-TR ; 81-D-26) Cover title. "Final report for period 25 September 1979 - 24 January 1981." "Southwest Research Institute." "September 1981." Includes bibliographical references. Contract no.: DAAK51-79-C-0060. ●Item 322-B-1 (microfiche)

1. Helicopters — Electric equipment. 2. Helicopters — Models. I. Duff, B. M. II. Owen, T. E. III. Army Research and Technology Laboratories (U.S.). Applied Technology Laboratory. IV. Southwest Research Institute. V. Title. VI. Series: AVRADCOM technical report ; 81-D-26. OCLC 09277534

83-10916

D 117.8/2:TR-81-D-35

XH-59A ABC technology demonstrator altitude expansion and operational tests / A.J. Ruddell, et al. ; prepared for Applied Technology Laboratory, U.S. Army Research and Technology Laboratories (AVRADCOM). — Fort Eustis, Va. : The Laboratory, [1981]

72 p. : ill. ; 27 cm. — (USAAVRADCOM-TR ; 81-D-35) Cover title. "Final report for period August 1980 - June 1981." "Sikorsky Aircraft Div., United Technologies Corp." "December 1981." Includes bibliographical references. Contract no.: DAAK51-80-C-0021, Mod P00004. ●Item 322-B-1 (microfiche)

1. Rotors (Helicopters) 2. Helicopters — Flight testing. I. Ruddell, A. J. II. Army Research and Technology Laboratories (U.S.). Applied Technology Laboratory. III. United Technologies Corporation. Sikorsky Aircraft Division. IV. Series: AVRADCOM technical report ; 81-D-35. OCLC 09267735

83-10917

D 117.8/2:TR-81-D-42 A-B

Berman, Alex.

Dynamic system coupling (DYSCO) program / A. Berman ; prepared for Applied Technology Laboratory, U.S. Army Research and Technology Laboratories (AVRADCOM). — Fort Eustis, Va. : The Laboratory, [1982]

2 v. : ill. ; 27 cm. — (USAAVRADCOM-TR ; 81-D-42 A-B) Cover title. "Final report." "Kaman Aerospace Corporation." "April 1982." Contents: v. I. User's manual — v. II. Theoretical manual. Contract no.: DAAK51-79-C-0046. ●Item 322-B-1 (microfiche)

1. Rotors (Helicopters) — Aerodynamics. 2. Couplings. I. Army Research and Technology Laboratories (U.S.). Applied Technology Laboratory. II. Kaman Aerospace Corporation. III. Title. IV. Series: AVRADCOM technical report ; 81-D-42 A-B. OCLC 09285808

## NAVAL EDUCATION AND TRAINING COMMAND
## Defense Dept.
## Pensacola, FL 32508

83-10918

D 207.208/2:Ae 8/981

Aerographer's mate 3 & 2. — [1976 ed., repr. 1981.] — [Pensacola, Fla. : Naval Education and Training Program Development Center] ; 1982.

1 v. (various pagings) : ill., forms ; 28 cm. Cover title. "Rate training manual and nonresident career course." "Naval Education and Training Command." Includes index. "NAVEDTRA 10363-E1." ●Item 404 (microfiche)

1. United States. Navy — Aerographers. 2. Meteorology, Maritime — United States. I. Naval Education and Training Program Development Center. II. United States. Naval Education and Training Command. III. Title: Aerographer's mate three and two. IV. Title: Rate training manual and nonresident career course. OCLC 09293021

83-10919

D 207.208/2:Al 7/4/981

Aircrew survival equipmentman 1 & C. — [Rev. 1976, repr. 1981.] — [Pensacola, Fla. : Naval Education and Training Program Development Center, 1981]

1 v. (various pagings) : ill. ; 28 cm. Cover title. "Rate training manual and nonresident career course." "Naval Education and Training Command." Includes index. "NAVEDTRA 10360-E1." ●Item 404 (microfiche)

1. United States. Navy — Aviation supplies and stores. 2. Aircraft survival equipment. I. Naval Education and Training Program Development Center. II. United States. Naval Education and Training Command. III. Title: Rate training manual and nonresident career course. IV. Title: Aircrew survival equipmentman one and C. OCLC 09293571

**83-10920**

**D 207.208/2:Av 5/14/982**

Aviation structural mechanic H 1 & C. — [1976 ed., repr. 1982]. — [Pensacola, Fla. : Naval Education and Training Program Development Center], 1982.

iii, 494, [59] p. : ill. (some col.), forms ; 28 cm. Cover title. "Rate training manual and nonresident career course." "Naval Education and Training Command." Includes index. "NAVEDTRA 10313-C1." ●Item 404

1. United States. Navy — Aviation structural mechanics. 2. Airplanes, Military — Maintenance and repair. I. Naval Education and Training Program Development Center. II. United States. Naval Education and Training Command. III. Title: Rate training manual and nonresident career course. IV. Title: Aviation structural mechanic H one and C. OCLC 09246527

**83-10921**

**D 207.208/2:Av 5/15/981**

Aviation electrician's mate 1 & C. — [Rev. 1976, repr. 1981] — [Pensacola, Fla. : Naval Education and Training Program Development Center, 1981]

1 v. (various pagings) : ill. ; 28 cm. Cover title. "Rate training manual and nonresident career course." "Naval Education and Training Command." Includes index. "NAVEDTRA 10349-D1." ●Item 404 (microfiche)

1. United States. Navy — Electronic technicians. 2. United States. Navy — Electronic installations. I. Naval Education and Training Program Development Center. II. United States. Naval Education and Training Command. III. Title: Aviation electrician's mate one and C. IV. Title: Electrician's mate one and C. OCLC 09293199

**83-10922**

**D 207.208/2:Av 5/24/981**

Coyle, John A.

Aviation electrician's mate 3 & 2 / Naval Education and Training Program Development Center. — 1981 ed. / prepared by John A. Coyle Jr. — [Pensacola, Fla.] : The Center, 1981.

1 v. (various pagings) : ill. ; 28 cm. "Rate training manual and nonresident career course"—Cover. "Naval Education and Training Command"—Cover. Includes index. "NAVEDTRA 10348-E." ●Item 404 (microfiche)

1. United States. Navy — Aviation electricians. I. Naval Education and Training Program Development Center. II. United States. Naval Education and Training Command. III. Title. IV. Title: Aviation electrician's mate three and two. V. Title: Rate training manual and nonresident career course. OCLC 09293627

**83-10923**

**D 207.208/2:Av 5/32**

Murphy, Charles K.

Aviation storekeeper 3 / Naval Education and Training Program Development Center. — 1982 ed. / prepared by Charles K. Murphy. — [Pensacola, Fla.] : The Center, 1982.

1 v. (various pagings) : ill., forms ; 28 cm. "Rate training manual and nonresident career course"—Cover. "Naval Education and Training Command"—Cover. Includes index. "NAVEDTRA 10393." ●Item 404 (microfiche)

1. United States. Navy — Aviation supplies and stores. I. Naval Education and Training Program Development Center. II. United States. Naval Education and Training Command. III. Title. IV. Title: Rate training manual and nonresident career course. V. Title: Aviation storekeeper three. OCLC 09293158

**83-10924**

**D 207.208/2:El 2/6/982**

Gallant, Thomas E.

Electrician's mate 3 & 2 / Naval Education and Training Program Development Center. — 1981 ed., [repr. 1982] / prepared by Thomas E. Gallant and John F. Hawley. — [Pensacola, Fla.] : The Center, 1982.

1 v. (various pagings) : ill. ; 28 cm. "Rate training manual"—Cover. "Naval Education and Training Command"—Cover. Includes index. "NAVEDTRA 10546-E." "NAVEDTRA 10546-E1"—Cover. ●Item 404

1. United States. Navy — Electric installations. I. Hawley, John F. II. Naval Education and Training Program Development Center. III. United States. Naval Education and Training Command. IV. Title. V. Title: Electrician's mate three and two. VI. Title: Rate training manual. OCLC 09293105

**83-10925**

**D 207.208/2:G 95/6/981**

Gunner's mate G 1 & C. — [Rev. 1980, repr. 1981.] — [Pensacola, Fla. : Naval Education and Training Program Development Center], 1982.

1 v. (various pagings) : ill., forms ; 28 cm. Cover title. "Rate training manual and nonresident career course." "Naval Education and Training Command." Includes index. "NAVEDTRA 10186-D1." ●Item 404 (microfiche)

1. United States. Navy — Gunner's mates. 2. United States. Navy — Ordnance and ordnance stores. 3. Naval gunnery. I. Naval Education and Training Program Development Center. II. United States. Naval Education and Training Command. III. Title: Gunner's mate G one and C. OCLC 09293596

**83-10926**

**D 207.208/2:Op 2/2/v.1**

Williams, Pat H.

Operations specialist 3 & 2 / Naval Education and Training Program Development Center. — 1982 ed. / prepared by Pat H. Williams, Jr. — [Pensacola, Fla.] : The Center, 1982-

v. : ill., maps, forms ; 28 cm. "Rate training manual and nonresident career course"—Cover. "Naval Education and Training Command"—Cover. Includes index. "NAVEDTRA 10145." ●Item 404

1. United States. Navy — Equipment operators. I. Naval Education and Training Program Development Center. II. United States. Naval Education and Training Command. III. Title. IV. Title: Operations specialitst three and two. V. Title: Rate training manual and nonresident career course. OCLC 09293651

**83-10927**

**D 207.208/2:Q 2/2/982**

Quartermaster 3 & 2. — [Rev. 1976, repr. 1982]. — [Pensacola, Fla. : Naval Education and Training Program Development Center], 1982.

1 v. (various pagings) : ill. ; 28 cm. Cover title. "Rate training manual and nonresident career course." "Naval Education and Training Command." Includes index. "NAVEDTRA 10149-F1." ●Item 404 (microfiche)

1. United States. Navy — Watch duty. I. Naval Education and Training Program Development Center. II. United States. Naval Education and Training Command. III. Title: Rate training manual and nonresident career course. IV. Title: Quartermaster three and two. OCLC 09271560

83-10928

D 207.208/2:R 27/module 1

Preston, C. Joseph.

Religious program specialist 3 & 2 : module I, personnel support / Naval Education and Training Program Development Center. — 1982 ed. / prepared by C. Joseph Preston, Jr. — [Pensacola, Fla.] : The Center, 1982.

1 v. (various pagings) : ill. ; 28 cm. Cover title: Religious program specialist 3 & 2, training course. "Rate training manual and nonresident course"—Cover. "Naval Education and Command"—Cover. Includes index. "NAVEDTRA 287-01-45-82." ●Item 404

1. United States. Navy — Handbooks, manuals, etc. 2. Church work with military personnel. I. Naval Education and Training Program Development Center. II. United States. Naval Education and Training Command. III. Title. IV. Title: Religious program specialist three and two. V. Title: Rate training manual and nonresident course. OCLC 09087893

83-10929

D 207.208/2:Si 2/2/982

Clark, Vincil T.

Signalman 3 & 2 / Naval Education and Training Program Development Center. — 1982 ed., [rev.] / prepared by Vincil T. Clark. — [Pensacola, Fla.] : The Center, 1982.

1 v. (various pagings) : ill. (some col.), maps, forms ; 28 cm. "Rate training manual and nonresident career course"—Cover. "Naval Education and Training Command"—Cover. Includes index. "NAVEDTRA 10135-E." ●Item 404

1. United States. Navy — Communication systems. 2. United States. Navy — Signaling. I. Naval Education and Training Program Development Center. II. United States. Naval Education and Training Command. III. Title. IV. Title: Signalman three and two. V. Title: Rate training manual and nonresident career course. OCLC 09293726

83-10930

D 207.208/4:Ad 6

Malone, John W. (John Wesley), 1941-

Ship's serviceman 3 & 2 : module 1, administrative, service, and retail activities / Naval Education and Training Program Development Center. — 1981 ed. / prepared by John W. Malone — [Pensacola, Fla.] : The Center, 1982.

1 v. (various pagings) : ill. ; 28 cm. "Rate Training Manual and Nonresident Career Course"—Cover. "Naval Education and Training Command"—Cover. "Module 1"—Cover. Includes index. "NAVEDTRA 414-01-45-81." ●Item 404 (microfiche)

1. United States. Navy — Job descriptions — Handbooks, manuals, etc. 2. Ship's stores and Navy exchanges (United States Navy) — Handbooks, manuals, etc. I. Naval Education and Training Program Development Center. II. United States. Naval Education and Training Command. III. Title. IV. Title: Ship's serviceman three and two. V. Title: Rate training manual and nonresident career course. OCLC 09246454

83-10931

D 207.208/4:El 2/2/module 7

Selfridge, Robert P.

Navy electricity and electronics training series, module 7 : introduction to solid-state devices and power supplies / Naval Education and Training Program Development Center. — 1982 ed. / prepared by Robert P. Selfridge, Frank E. Sloan, Larry D. Pickard. — [Pensacola, Fla.] : The Center, 1982.

1 v. (various pagings) : ill. ; 28 cm. "Naval Education and Training Command"—Cover. Includes index. "NAVEDTRA 172-07-00-82." ●Item 404

1. United States. b Navy — Electronic installations — Maintenance and repair. 2. Solid state electronics. 3. Electronics in military engineering. I. Sloan, Frank E. II. Pickard, Larry D. III. Naval Education and Training Program Development Center. IV. United States. Naval Education and Training Command. V. Title. VI. Title: Introduction to solid-state devices and power supplies. OCLC 09125882

83-10932

D 207.208/4:F 49/981

Financial management in the Navy. — [Pensacola, Fla. : Naval Education and Training Program Development Center, 1981.

1 v. (various pagings) : ill., forms ; 27 cm. Cover title. "Naval Education and Training Command." Inludes index. "NAVEDTRA 10792-E." ●Item 404 (microfiche)

1. United States. Navy — Finance. I. Naval Education and Training Program Development Center. II. United States. Naval Education and Training Command. OCLC 09293049

83-10933

D 207.208/4:P 56/module 5

DeForge, Gerald T.

Navy photographer's mate training series : module 5, photographic management / Naval Education and Training Program Development Center. — 1982 ed. / prepared by Gerald T. DeForge — [Pensacola, Fla.] : The Center, 1982.

1 v. (various pagings) : ill. ; 28 cm. "Rate Training Manual and Nonresident Career Course"—Cover. "Naval Education and Training Command"—Cover. Includes index. "NAVEDTRA 373-05-69-82"—Module 5. ●Item 404 (microfiche)

1. United States. Navy — Petty officers handbooks. 2. United States. Navy — Photographers — Handbooks, manuals, etc. I. United States. Naval Education and Training Command. II. Naval Education and Training Program Development Center. III. Title. OCLC 09242958

83-10934

D 207.208/4:W 37/982

The Weapons officer. — [Minor revision 1982.] — [Pensacola, Fla.? : Naval Education and Training Program Development Center], 1982.

iii, 223 p. : ill., forms ; 28 cm. Cover title. "Naval Education and Training Command." Includes index. "NAVEDTRA 10867-C." ●Item 404 (microfiche)

1. United States. Navy — Weapons systems. 2. United States. Navy — Ordnance and ordnance stores. I. Naval Education and Training Program Development Center. II. United States. Naval Education and Training Command. OCLC 09293701

## NAVAL MILITARY PERSONNEL COMMAND
### Defense Dept.
### Washington, DC 20370

83-10935

D 208.6/4:At 4/982

Athens. — [Washington, DC : Navy Dept., Office of the Chief of Naval Operations, Human Resource Management Division, 1982]

49 p. : ill, 1 map ; 16 cm. Cover title. "September 1982"—1st prelim. p. "NAVPERS 15282"—1st prelim. p. One folded map inside back cover. ●Item 403-A-1

1. Athens (Greece) — Description — Guide-books. I. United States. Naval Military Personnel Command. Human Resource Management Division. OCLC 09309851

83-10936

D 208.6/4:B 73/982

Southern Brazil. — [Washington, DC : Navy Dept., Office of the Chief of Naval Operations, Human Resource Management Division, 1982]

v, 70 p. : ill, maps ; 16 cm. Cover title. "September 1982"—P. [i] "NAVPERS 15376." One folded map inside back cover. ●Item 403-A-1

1. Brazil — Description and travel — Guide-books. I. United States. Naval Military Personnel Command. Human Resource Management Division. OCLC 09309915

83-10937

D 208.6/4:N 16/982

Napoli. — [Washington, DC : Navy Dept., Office of the Chief of Naval Operations, Human Resource Management Division], 1982.

65 p. : ill., maps ; 16 cm. Cover title. "June 1982"—1st. prelim. p. "NAVPERS 15283"—1st prelim. p. One folded map inside front cover. ●Item 403-A-1

1. Naples (Italy) — Description — Guide-books. I. United States. Naval Military Personnel Command. Human Resource Management Division. OCLC 08985346

83-10938

D 208.6/4:R 74/982

Rota, Spain. — Washington, DC : Navy Dept., Office of the Chief of Naval Operations, Human Resource Management Division, [1982]

53 p. : ill., 1 map ; 16 cm. Cover title. "June 1982"—P. [2] of cover. "NAVPERS 15293"—P. [2] of cover. One folded map inside back cover. ●Item 403-A-1

1. Rota (Spain) — Description and travel — Guide-books. I. United States. Naval Military Personnel Command. Human Resource Management Division. OCLC 09310055

## NAVAL FACILITIES ENGINEERING COMMAND
### Defense Dept.
### Washington, DC 20360

83-10939

D 209.14/2:35/4/rep.

Design manual : family housing. — Washington, D.C. : Dept. of the Navy, Naval Facilities Engineering Command, 1971.

1 v. (various pagings) : ill. ; 26 cm. — (NAVFAC DM ; 35) "(Including changes 1, 2, 3, and 4)." "August 1971." Bibliography: p. 35-C-1. Includes index. ●Item 418-A

1. United States. Navy — Barracks and quarters. I. United States. Naval Facilities Engineering Command. II. Title: Family housing. III. Series: Design manual (United States. Naval Facilities Engineering Command) ; NAVFAC DM-35. OCLC 09277795

## NAVAL RESEARCH OFFICE
### Defense Dept.
### Arlington, VA 22217

83-10940

D 210.8:8487

Page, Thornton

Revised S201 catalog of far-ultraviolet objects / Thornton Page and George R. Carruthers and Harry M. Heckathorn. — Washington, D.C. : Naval Research Laboratory, [1982]

iii, 223 p. : ill. ; 28 cm. — (NRL report ; 8487) Cover title. "NASA, Johnson Space Center." "Space Science Division." "May 6, 1982." Three templates in pocket. Includes bibliographical references. ●Item 407-H (microfiche)

1. Stars — Photographic measurements. 2. Astronomical spectroscopy. 3. Ultraviolet spectroscopy. I. United States. National Aeronautics and Space Administration. II. Naval Research Laboratory (U.S.). Space Science Division. III. Title. IV. Series. OCLC 08811133

83-10941

D 210.8:8604

Heitmeyer, Constance L.

An approach to describing the functional requirements of an embedded communication system / Constance L. Heitmeyer and John D. McLean. — Washington, D.C. : Naval Research Laboratory, [1982]

iii, 15 p. ; 28 cm. — (NRL report ; 8604) Cover title. "Computer Science and Systems Branch, Information Technology Division." "June 14, 1982." Includes bibliographical references. ●Item 407-H (microfiche)

1. Computer engineering. 2. Communications, Military. I. McLean, John D., 1952- II. Naval Research Laboratory (U.S.). Computer Science and Systems Branch. III. Title. IV. Series. OCLC 09273363

## NAVAL OBSERVATORY
### Defense Dept.
### Washington, DC 20350

83-10942

D 213.10:23/pt.3

Publications of the United States Naval Observatory. Washington : The Observatory, U.S. Naval Observatory, Washington, D.C. 20390

v. : ill. ; 29 cm.

Irregular

Began with 2d ser., v. 1, 1900. Contents: v. 23, pt. 3. Results of observations made with the six-inch transit circle 1963-1971. 2d ser., v. 23, pt. 3. Description based on: 2d ser., v. 24, pt. 5. Some vols. issued out of chronological order. Supersedes: United States. Naval Observatory. Astronomical, magnetic and meteorological observations made at the United States Naval Observatory, which constituted the observatory's first series of publications. ●Item 398 ISSN 0083-2448

1. Astronomy — Observations — Periodicals. I. United States Naval Observatory. OCLC 01713904

## AIR FORCE DEPARTMENT
### Defense Dept.
### Washington, DC 20330

83-10943

D 301.7:64-3/3/ch.1/rep.978

Survival, training edition. — Repr. Aug. 1978 with change 1 included. — [Washington, DC] : Dept. of the Air Force : [For sale by the Supt. of Docs., U.S. G.P.O.], 1980.

1 v. (various pagings) : ill., maps ; 26 cm. — (AF manual ; 64-3) Cover title. "Supersedes AFM 64-3, 16 July 1962, as amended"—P. [i] "15 August 1969"—P. [i]. Includes index. ●Item 421 (microfiche) S/N 008-070-00019-9 @ GPO $9.00

1. Survival (after airplane accidents, shipwrecks, etc.) — Handbooks, manuals, etc. I. United States. Dept. of the Air Force. II. Series: Air Force AFM ; 64-3. OCLC 09257821

83-10944

D 301.45/14-2:0-2/2

United States. Air Force Systems Command.

Numerical index of AFSC publications. — Andrews Air Force Base, DC : Dept. of the Air Force, Headquarters, Air Force Systems Command, 1982.

32 p. ; 28 cm. — (AFSC regulation ; 0-2) Caption title. At head of title: Indexes. "Supersedes AFSCR 0-2, 15 Jan 82." ●Item 421

1. United States. Air Force. Systems Command — Bibliography — Catalogs. I. United States. Air Force. Systems Command. II. Title. III. Title: Numerical index of A.F.S.C. publications. IV. Series: United States. Air Force. Systems Command. AFSC regulation ; 0-2. OCLC 09293363

**83-10945**

**D 301.45/27:82-6**

Richards, Whitman.

Vision research for flight simulation / edited by Whitman Richards, Key Dismukes. — Brooks Air Force Base, Tex. : Air Force Human Resources Laboratory, Air Force Systems Command, [1982]

v, 101 p. : ill. ; 28 cm. — (AFHRL-TR ; 82-6) Cover title. "Final report." "National Research Council, Assembly of Behavioral and Social Sciences." "Operations Training Division." "July 1982." Includes bibliographies. Contract no.: F 33615-80-C-0009. ●Item 421-E-3 (microfiche)

1. Flight simulators. 2. Vision research — United States. I. Dismukes, Key. II. Air Force Human Resources Laboratory. Operations Training Division. III. National Research Council (U.S.). Assembly of Behavioral and Social Sciences. IV. Title. V. Series. OCLC 09319924

**83-10946**

**D 301.45/27-4:81-20**

AFHRL Conference on Human Appraisal (1979 : San Antonio, Tex.)

AFHRL Conference on Human Appraisal : proceedings / by Cecil J. Mullins. — Brooks Air Force Base, Tex. : Air Force Human Resources Laboratory, Air Force Systems Command, [1981]

209 p. : ill. ; 28 cm. "Manpower and Personnel Division, Force Acquisition Branch." "June 1981." Includes bibliographies. "Project 7734"—P. [2] of cover. ●Item 421-E-3 (microfiche)

1. Human experimentation in psychology. 2. Criterion (Theory of knowledge) 3. Personality assessment — Congresses. I. Mullins, Cecil J. II. Air Force Human Resources Laboratory. Force Acquisition Branch. III. Title. IV. Title: A.F.H.R.L. Conference on Human Appraisal. V. Series: AFHRL technical paper ; 81-20. OCLC 09273553

**83-10947**

**D 301.45/27-4:81-32**

Chenzoff, Andrew P.

Maintenance environment improvement analysis : phase II— pretest / by Andrew P. Chenzoff, Reid P. Joyce. — Brooks Air Force Base, Tex. : Air Force Human Resources Laboratory, Air Force Systems Command, [1982]

ii, 28 p. : forms ; 28 cm. — (AFHRL-technical paper ; 81-32) "Interim report"—Cover. "Applied Science Associates, Inc." "Logistics and Technical Training Division, Logistics Research Branch"—Cover. "January 1982." Contract no.: F33615-79-C-0026. ●Item 421-E-3 (microfiche)

1. United States. Air Force — Equipment and supplies — Maintenance and repair. I. Joyce, Reid P. II. Air Force Human Resources Laboratory. Logistics Research Branch. III. Applied Science Associates. IV. Title. V. Series. OCLC 09247175

**83-10948**

**D 301.45/27-4:81-38**

Sanders, Charles D.

Task analytic techniques : application to the design of a flight simulator instructor/operator console / by Charles D. Sanders. — Brooks Air Force Base, Tex. : Air Force Human Resources Laboratory, Air Force Systems Command, [1981]

19 p. ; 28 cm. — (AFHRL-technical paper ; 81-38) "Final report"—Cover. "Coppin State College." "Operations Training Division"—Cover. "December 1981." Bibliography: p. 16-19. Contract no.: F49620-79-C0038. ●Item 421-E-3 (microfiche)

1. Flight simulators. I. Air Force Human Resources Laboratory. Operations Training Division. II. Coppin State College. III. Title. IV. Title: Application to the design of a flight simulator instructor/operator console. V. Series. OCLC 09267517

**83-10949**

**D 301.45/27-4:81-47**

Tucker, A. R. (Arthur Raymond), 1922-

Polystyrene corrector element added to existing positive acrytate for simulator collimator / by A.R. Tucker. — Brooks Air Force Base, Tex. : Air Force Human Resources Laboratory, Air Force Systems Command, [1982]

vii, 56 p. : ill. ; 28 cm. — (AFHRL-TP ; 81-47) "Final report"—Cover. "Electronic Systems Products, Inc." "Operations Training Division." "February 1982." Contract no.: F33615-78-C-0048. ●Item 421-E-3 (microfiche)

1. Collimators (Optical instrument) 2. Achromatism. 3. Aspherical lenses. 4. Simulation methods. I. Air Force Human Resources Laboratory. Operations Training Division. II. Electronic Systems Products, Inc. III. Title. IV. Series: AFHRL-technical paper ; 81-47. OCLC 09269327

**83-10950**

**D 301.45/27-4:81-56**

Brooks, Rebecca B.

Force cue requirements for A-10 simulator weapons delivery training / by Rebecca B. Brooks, Don R. Lyon. — Brooks Air Force Base, Tex. : Air Force Human Resources Laboratory, Air Force Systems Command, [1982]

46 p. : ill. ; 28 cm. — (AFHRL-TP ; 81-56) "Final report"—Cover. "Operations Training Division." "University of Dayton Research Institute." Bibliography: p. 27-28.

1. Flight simulators. 2. Weapons systems. I. Lyon, Don R. II. Air Force Human Resources Laboratory. Operations Training Division. III. University of Dayton. Research Institute. IV. Title. V. Series: AFHRL-technical paper ; 81-56. OCLC 09267707

## DIRECTORATE OF ADMINISTRATION
### Air Force Dept.
### Washington, DC 20330

**83-10951**

**D 303.7:982**

United States. Air Force. Office of the Directorate of Personnel Program Actions.

Air Force register / Office of the Directorate of Personnel Program Actions. Washington : The Office : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 28 cm. (AFP ; 36-28)

$16.00 1 Sept. 1982. Description based on: 1 Sept. 1982. ●Item 421-C-01 (microfiche) S/N 008-070-00481-0 Main series: Air Force pamphlet Continues: United States. Air Force. Air Force register ISSN 0196-1411

1. United States. Air Force — Registers. I. Title. II. Series: Air Force pamphlet ; AFP 36-28. OCLC 09289645

## ENERGY DEPARTMENT
## Washington, DC 20585

**83-10952**

**E 1.10:801237**

Meeting on Electrical Insulators Fusion Magnets (1980 : Germantown, Montgomery County, Md.)

Proceedings of the Meeting on Electrical Insulators Fusion Magnets, December 2-3, 1980 at Germantown, Maryland / sponsored by U.S. Department of Energy, Assistant Secretary for Energy Research, Division of Development and Training. — Washington, D.C. : The Department ; Springfield, Va. : Available from the National Technical Information Service, [1981]

1 v. (various pagings) : ill. ; 28 cm. "Published: November 1981." "CONF-801237." ●Item 429-E (microfiche)

1. Electric insulators and insulation — Congresses. 2. Fusion — Congresses. I. United States. Office of Energy Research. Dept. of Energy. Division of Development and Training. II. Title. OCLC 09277434

**83-10953**

**E 1.19:0132**

Technology spin-offs from the magnetic fusion energy program / prepared for U.S. Department of Energy, Office of Energy Research, Office of Fusion Energy. — Washington, D.C. : The Department ; Springfield, Va. : Available from National Technical Information Service, 1982.

1 v. (various pagings) ; 28 cm. "May 1982." "DOE/ER-0132." ●Item 429-N (microfiche)

1. Nuclear fusion. I. United States. Dept. of Energy. Office of Fusion Energy. OCLC 09263159

**83-10954**

**E 1.19:0133**

Recommended practices and guidelines for procurement of magnetic fusion energy electrical equipment / prepared for U.S. Department of Energy, Office of Energy Research, Office of Fusion Energy. — Washington, D.C. : The Department ; Springfield, Va. : Available from National Technical Information Service, 1982.

iv, 170 p. : ill. ; 28 cm. "June 1982." "DOE/ER-0133." ●Item 429-N (microfiche)

1. Nuclear fusion. 2. Industrial procurement — United States. I. United States. Dept. of Energy. Office of Fusion Energy. OCLC 09262176

**83-10955**

**E 1.19:0134**

Manpower in energy related activities : a summary and review of recent studies / prepared for U.S. Department of Energy, Office of Energy Research, Manpower Assessment Program under contract no. AC05-76R00033/1. — Washington, D.C. : The Department ; Springfield, Va. : Available from the National Technical Information Service, 1982.

v, 50 p. ; 28 cm. Cover title. "June 1982." "DOE/ER-0134." ●Item 429-H (microfiche)

1. Energy industries — United States — Employees. I. Manpower Assessment Program (U.S.) OCLC 09262575

**83-10956**

**E 1.19:0149**

Status of health and environmental research relative to coal gasification 1976 to the present / prepared by The Argonne National Laboratory, The Oak Ridge National Laboratory, The Inhalation Toxicology Research Institute, Lovelace Biomedical and Environmental Research Institute, under contract no. DE-AC04-76EV01013 ; prepared for the U.S. Dept. of Energy, Office of Health and Environmental Research, Office of Energy Research. — Washington, D.C. : The Department ; Springfield, Va. : Available from the National Technical Information Service, 1982.

xx, 118, [9] p. : ill. ; 28 cm. "October 1982." Includes bibliographies. "DOE/ER-0149." ●Item 429-N (microfiche)

1. Coal gasification — Environmental aspects — United States. I. Argonne National Laboratory. II. Oak Ridge National Laboratory. III. United States. Dept. of Energy. Office of Energy Research. OCLC 09160777

**83-10957**

**E 1.20:0098-D**

Pantex plant site, Amarillo, Texas : draft environmental impact statement. — Washington, D.C. : U.S. Dept. of Energy ; Springfield, Va. : Available from the National Technical Information Service, 1982.

1 v. (various pagings) : ill. ; 28 cm. "December 1982." Bibliography: ch. 9, p. 1-13. "DOE/EIS-0098-D." ●Item 429-R

1. Atomic weapons. 2. Atomic energy industries — Environmental aspects — Texas. I. United States. Dept. of Energy. OCLC 09277855

**83-10958**

**E 1.26:20244-1**

Evaluation of technical proposals for Honolulu program of waste energy recovery / prepared by City and County of Honolulu, Hawaii, and the MITRE Corporation under contract no. DE-FG01-79CS20244 ; prepared for U.S. Department of Energy, Assistant Secretary, Conservation and Renewable Energy, Office of Renewable Technology. — Washington, D.C. : The Department ; Springfield, Va. : Available form the National Technical Information Service, [1982]

vi, 119 p. ; 28 cm. "October 1982." Includes bibliographical references. "DOE/CS/20244-1." ●Item 429-T-2 (microfiche)

1. Refuse as fuel — Hawaii — Honolulu. 2. Energy policy — Hawaii — Honolulu. I. United States. Dept. of Energy. Office of Renewable Technology. II. Honolulu (Hawaii) III. Mitre Corporation. OCLC 09262863

**83-10959**

**E 1.26:20292-1**

Landfill gas to electricity demonstration project / prepared by New York State Energy Research and Development Administration under contract no. DE-FG-79CS20292 ; prepared for U.S. Department of Energy, Assistant Secretary, Conservation and Renewable Energy, Office of Renewable Technology. — Washington, D.C. : The Department ; Springfield, Va. : Available from the National Technical Information Service, [1982]

1 v. (various pagings) : ill. ; 28 cm. "October 1982." Includes bibliographical references. "DOE/CS/20292-1." ●Item 429-T-2 (microfiche)

1. Sanitary landfills — New York (State) 2. Waste disposal in the ground — New York (State) 3. Methane. 4. Energy facilities — New York (State) I. United States. Dept. of

Energy. Office of Renewable Technology. II. New York State Energy Research and Development Authority. OCLC 09251957

**83-10960**

**E 1.26:24318-1**

A Technoeconomic evaluation of the NYU acid hydrolysis process for producing ethanol from municipal solid waste / prepared by SRI International under contract no. DE-AC01-80CS24318 ; prepared for U.S. Department of Energy, Assistant Secretary, Conservation and Renewable Energy, Office of Renewable Technology. — Washington, D.C. : The Department ; Springfield. Va. : Available from the National Technical Information Service, [1982]

iii, 48 p. : ill. ; 28 cm. "October 1982." Bibliography: p. 47-48. "DOE/CS/24318-1." ●Item 429-T-2 (microfiche)

1. Biomass energy — United States. 2. Alcohol as fuel. I. United States. Dept. of Energy. Office of Renewable Technology. II. SRI International. OCLC 09246572

**83-10961**

**E 1.26:30046-01**

Miller, Harry.

Passive solar progress : a simplified guide to the 3rd National Passive Solar Conference / prepared by Harry Miller, Yvonne Howell, David Richards under contract no. DE-FG01-79CS530046 ; prepared for U.S. Department of Energy, Assistant Secretary for Conservation and Solar Energy, Office of Solar Applications for Buildings. — Washington, D.C. : The Department ; Springfield, Va. : Available for the National Technical Information Service, 1980.

86 p. : ill. ; 28 cm. "Northern California Solar Energy Association." "Published October 1980." Includes bibliographical references and index. "DOE/CS/30046-01." ●Item 429-T-2

1. National Passive Solar Conference (3rd : 1979 : San Jose, Calif.) 2. Solar energy — United States — Congresses. I. Howell, Yvonne. II. Richards, David. III. United States. Dept. of Energy. Office of Solar Applications for Buildings. IV. Northern California Solar Energy Association. V. Title. OCLC 07586524

**83-10962**

**E 1.26:40338-2**

North Carolina used motor oil re-refining program : topical report 2 : economics and logistics: startup experience and operating projections / prepared by State of North Carolina under contract no DE-EG01-80CS 40338 ; prepared for U.S. Department of Energy, Assistant Secretary, Conservation and Renewable Energy, Office of Industrial Programs. — Washington, D.C. : The Department ; Springfield, Va. : National Technical Information Service, 1982.

iii, 45 p. ; 28 cm. "July 1982." Includes bibliographical references. "DOE/CS/40338-2." ●Item 429-T-2 (microfiche)

1. Petroleum refineries — North Carolina. I. United States. Dept. of Energy. Office of Conservation and Renewable Energy. Office of Industrial Programs. II. North Carolina. OCLC 09072243

**83-10963**

**E 1.26:50023-1**

Project for reliability fleet testing of alcohol/gasoline blends : technical progress report / prepared by The Aerospace Corporation under contract no. DE-AC03-79CS50023 ; prepared for U.S. Department of Energy, Assistant Secretary, Conservation and Renewable Energy, Office of Vehicle and Engine R&D. — Washington, D.C. : The Department ; Springfield, Va. : Available from the National Technical Information Service, 1982.

1 v. (various pagings) ; 28 cm. "DOE Alcohol Fuels Program." "Alternative Fuels Utilization Program." "July 1982." Includes bibliographical references. "DOE/CS/50023-1." ●Item 429-T-2 (microfiche)

1. Alcohol as fuel. I. United States. Dept. of Energy. Office of Vehicle and Engine Research and Development. II. Aerospace Corporation. OCLC 09257665

**83-10964**

**E 1.26:50296-1**
**E 1.26:50296-2**
**E 1.26:50296-3**
**E 1.26:50296-4**

Alternative fuel production facility for city of Huntsville, Alabama / prepared by city of Huntsville, Alabama, and Leonard S. Wegman Co., Inc. under contract no. DE-FG01-80RA50296 ; prepared for U.S. Department of Energy, Assistant Secretary, Conservation and Renewable Energy, Office of Renewble Technology. — Washington, D.C. : The Department ; Springfield, Va. : Available from the National Technical Information Service, [1982-

v. : ill., maps ; 28 cm. "October 1982." Contents: vol. I. Executive summary — vol. II. Feasability study — vol. III. Technology development summary — vol. IV. Preliminary design and outline specifications. "DOE/CS/50296-1, 2, 3, 4." ●Item 429-T-2 (microfiche)

1. Waste products as fuel. 2. Refuse as fuel — Alabama — Huntsville. I. Huntsville (Ala.) II. Leonard S. Wegman Co. III. United States. Dept. of Energy. Office of Renewable Technology. OCLC 09250847

**83-10965**

**E 1.28:D0E/NBB-0011/v.1-2**

Costello, Frederick A.

TI-59 program for calculating the annual energy requirements for residential heating and cooling / prepared for U.S. Department of Energy, Assistant Secretary, Conservation and Renewable Energy, Office of Building Energy Research and Development, Building Systems Division ; prepared by Frederick A. Costello, Tamami Kusuda, Shinichi Aso, under interagency agreement no. DE-A101-76PR06010. — Washington, D.C. : The Department ; Springfield, Va. : Available form the National Technical Information Service, 1982.

2 v. : ill. ; 28 cm. "U.S. Department of Commerce, National Bureau of Standards." "July 1982." Contents: v. 1. Users manual — v. 2. Program reference manual. Includes bibliographical references. "DOE/NBB-0011." ●Item 429-T-4 (microfiche9

1. Dwellings — United States — Energy consumption — Computer programs. I. United States. Dept. of Energy. Building Systems Division. II. United States. National Bureau of Standards. III. Title. OCLC 09263911

**83-10966**

**E 1.28:ONWI-216**

Wagner, Ralph A.

Thermo/viscoelastic simulation of the site A heater test at Avery Island : technical report / Ralph A. Wagner. — Columbus, Ohio : Office of Nuclear Waste Isolation, Battelle

Project Management Division ; Springfield, VA : Available from National Technical Information Service, 1982.

vii, 75 p. : ill. ; 28 cm. "Prepared by RE/SPEC, Inc. under subcontract E512-02300 with Battelle Project Management Division, Office of Nuclear Waste Isolation, under contract no. DE-AC06-76-RL01830-ONWI with the U.S. Department of Energy." "October 1982." Includes bibliographical references. "ONWI-216." ●Item 429-T-4 (microfiche)

1. Thermodynamics. 2. Salt domes — Louisiana. I. United States. Dept. of Energy. II. Battelle Memorial Institute. Office of Nuclear Waste Isolation. III. RE/SPEC, Inc. IV. Title. OCLC 09293322

**83-10967**

**E 1.28:ONWI-379**

Weitzberg, Abraham.

Building on existing institutions perpetuate knowledge of waste repositories : technical report / Abraham Weitzberg ; prepared by NUS Corporation under subcontract ES12-01400 with Battelle Project Management Division, Office of Nuclear Waste Isoloation under contract no. DE-AC06-76-R01830-ONWI with the U.S. Department of Energy. — Columbus, Ohio : The Department : Springfield, VA : Available from the National Technical Information Service, 1982.

vii, 45 p. : ill. ; 28 cm. "August 1982." Includes bibliographical references. "ONWI-379." ●Item 429-T-4 (microfiche)

1. Radioactive waste disposal — United States. I. Battelle Memorial Institute. Office of Nuclear Waste Isolation. II. NUS Corporation. III. Title. OCLC 09263297

**83-10968**

**E 1.28:ONWI-223(2)**

Wagner, Ralph A.

Thermo/viscoelastic analyses of room region benchmark problem using the spectrum finite element programs : technical report / Ralph A. Wagner. — Columbus, Ohio : Office of Nuclear Waste Isolation, Battelle Project Management Division ; Springfield, VA : Available from National Technical Information Service, 1982.

vii, 68 p. : ill. ; 28 cm. "Prepared by RE/SPEC, Inc. under subcontract E512-02300 with Battelle Project Management Division, Office of Nuclear Waste Isolation, under contract no. DE-AC06-76-RL01830-ONWI with the U.S. Department of Energy." "October 1982." Includes bibliographical references. "ONWI-223(2)." ●Item 429-T-4 (microfiche)

1. Radioactive waste disposal — United States. I. United States. Dept. of Energy. II. RE/SPEC, Inc. III. Battelle Memorial Institute. Office of Nuclear Waste Isolation. IV. Battelle Memorial Institute. Project Management Division. V. Title. OCLC 09318790

**83-10969**

**E 1.28:PNL-3949**

Clark, L. L. (L. Lavelle), 1943-

An analysis of the cost of mined geologic repositories in alternative media / L.L. Clark, B.M. Cole ; prepared for U.S. Department of Energy under contract DE-AC06-76RLO 1830. — Richland, Wash. : Pacific Northwest Laboratory ; Springfield, Va. : Available from National Technical Information Service, 1982.

1 v. (various pagings) : ill. ; 28 cm. "February 1982." Bibliography: R-1 - R-2. "PNL-3949." ●Item 429-T-4 (microfiche)

1. Radioactive waste disposal in the ground — United States. I. Cole, B. M. (Billy Mart), 1938- II. Pacific Northwest Laboratory. III. Title. OCLC 09269623

**83-10970**

**E 1.28:SERI/SP-281-1651**

Solar envelope zoning : application to the city planning process, Los Angeles case study. — Golden, Colo. : Technical Information Office, Solar Energy Research Institute ; Washington, D.C. : Supt. of Docs., U.S. G.P.O. [distributor] ; Springfield, VA : National Technical Information Service, 1982.

iv, 120 p. : ill. ; 28 cm. — (Solar envelope zoning series) "Published September 1982." Bibliography: p. 117. "SERI/SP-281-1651." S/N 061-000-00599-4 @ GPO $5.50

1. Solar energy — California — Los Angeles. 2. Zoning — California — Los Angeles. I. Solar Energy Research Institute. Technical Information Office. II. Series. OCLC 09278438

**83-10971**

**E 1.28:SERI/SP-451-519 R**

Fuel from farms : a guide to small-scale ethanol production / sponsored by National Agricultural Library, U.S. Department of Agriculture and the Office of Alcohol Fuels, U.S. Department of Energy. — 2nd ed. — Golden, Colo. : Technical Information Office, Solar Energy Research Institute ; Springfield, Va. : National Technical Information Service [distributor], 1982.

1 v. (various pagings) : ill. ; 28 cm. "May 1982." Bibliography: p. F-1 - F-6. G.P.O. sales statement incorrect in document. "SERI/SP-451-519 R." ●Item 429-T-4 (microfiche)

1. Alcohol as fuel. 2. Energy conservation — United States. 3. Biomass energy — United States. I. National Agricultural Library (U.S.) II. United States. Dept. of Energy. Assistant Secretary for Conservation and Solar Energy. Office of Alcohol Fuels. III. Solar Energy Research Institute. Technical Information Office. OCLC 09258393

**83-10972**

**E 1.35/2:0079**

Handbook for preparation of DOE procurement request forms. — Washington, D.C. : U.S. Dept. of Energy, Assistant Secretary, Management and Administration, Procurement and Assistance Management Directorate ; Springfield, Va. : Available form the National Technical Information Service, 1982.

1 v. (various pagings) ; 28 cm. "October 1982." "DOE/MA-0079." ●Item 429-T-14 (microfiche)

1. United States. Dept. of Energy. 2. Government purchasing — United States. I. United States. Dept. of Energy. Procurement and Assistance Management Directorate. OCLC 09263356

**83-10973**

**E 1.47:980**

Industrial Energy Efficiency Improvement Program (U.S.)

Annual report to the Congress and the President / The Industrial Energy Efficiency Improvement Program. Washington, D.C. : Dept. of Energy, Assistant Secretary for Conservation and Renewable Resources [i.e. Energy], Office of Industrial Programs : [Supt. of Docs., U.S. G.P.O., distributor, Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C., 20402

v. : ill. ; 28 cm.

Annual

$9.50

1979- 1979 issued in two printings, second of which lacks title. "DOE/CE-0015/1." 1980. ●Item 429-T-35 S/N 061-000-00363-1 $5.50 ISSN 0278-9280 Continues: Industrial Energy Efficiency Improvement Program (U.S.). Annual report

1. United States — Industries — Energy conservation — Yearbooks. 2. Energy policy — United States — Yearbooks. I. United States. Dept. of Energy. Office of Conservation and Renewable Energy. Office of Industrial Programs. II. Title. TJ163.25.U6I53a 81-649901 333.79/16/0973 OCLC 07901933

**83-10974**

**E 1.56:982-2**

Coal conversion systems technical data book / prepared for U.S. Department of Energy, Assistant Secretary for Fossil Energy, Office of Coal Utilization, Advanced Conversion and Gasification ; prepared by Institute of Gas Technology, under contract no. AC01-81FE05157. — Washington, D.C. : The Office ; Springfield, Va. : Available from National Technical Information Service, 1982.

1 v. (loose-leaf) : ill. ; 28 cm. "August 1982." Includes bibliographical references and index. "DOE/FE/05157-2 (formally) (sic.) HCP/T2286-01/4." ●Item 429-T-34

1. Coal gasification. 2. Coal liquefaction. I. United States. Office of Coal Utilization, Advanced Conversion and Gasification. II. Institute of Gas Technology. OCLC 09263311

**83-10975**

**E 1.68:0045**

Low-level radioactive waste compacts : status report, as of July 1982 / prepared for Senator James A. McClure. — Washington, D.C. : U.S. Dept. of Energy, Assistant Secretary for Nuclear Energy, Office of Terminal Waste Disposal and Remedial Action ; Springfield, Va. : Available from the National Technical Information Service, 1982.

1 v. (various pagings) ; 28 cm. "Committee on Energy and Naturàl Resources, United States Senate." "DOE/NE-0045." ●Item 474-B (microfiche)

1. Radioactive waste disposal — United States. I. McClure, James A. II. United States. Office of the Assistant Secretary for Nuclear Energy. Office of Terminal Waste Disposal and Remedial Action. III. United States. Congress. Senate. Committee on Energy and Natural Resources. OCLC 09319625

**83-10976**

**E 1.89:56051-7/v.1-**

Status of alcohol fuels utilization technology for highway transportation : a 1981 perspective / prepared by Mueller Associates, Inc., under contract no. AC05-79CS56051 ; prepared for U.S. Department of Energy, Assistant Secretary, Conservation and Renewable Energy, Office of Vehicle and Engine R & D. — Washington, D.C. : The Department ; Springfield, Va. : Available form the National Technical Information Service, [1982-

v. : ill. ; 28 cm. "Alternative fuels utilization program." "May 1982." Includes bibliographical references. Contents: v. 1. Spark-ignition engines. "DOE/CS/56051-7." ●Item 429-H-4 (microfiche)

1. Alcohol as fuel. I. United States. Dept. of Energy. Office of Vehicle and Engine Research and Development. II. Mueller Associates. OCLC 09263099

**83-10977**

**E 1.90:0011**

Background report for the uranium mill tailings sites remedial action program / prepared by U.S. Department of Energy, Environmental and Safety Engineering Division, Assistant Secretary for Environmental Protection, Safety, and Emergency Preparedness. — Washington, D.C. : The Department ; Springfield, VA : Available from National Technical Information Service, 1981.

1 v. (various pagings) : ill., maps ; 28 cm. "April 1981." Includes bibliographical references. "DOE/EV-0011." ●Item 474-B-5 (microfiche)

1. Uranium mill tailings — United States. 2. Radioactive decontamination. 3. Radioactive waste disposal in the ground — United States. I. United States. Dept. of Energy. Environmental and Safety Engineering Division. OCLC 09270969

## ENERGY INFORMATION ADMINISTRATION
### Energy Dept.
### Washington, DC 20461

**83-10978**

**E 3.2:C 76/2**

Preston, John L.

Industrial energy consumption : survey of large combustors : report on alternative-fuel burning capabilities of large boilers in 1979 / U.S. Department of Energy, Energy Information Administration, Office of energy Markets and End Use Division. — Washington, D.C. : The Administration : Supt. of Docs., U.S. G.P.O. [distributor], 1982.

24 p. ; 28 cm. Caption title. "Released for printing, February 12, 1982." Includes bibliographical references. ●Item 429-T-11 (microfiche) S/N 061-003-00233-1 @ GPO $2.50

1. Industry — United States — Energy conservation. I. United States. Office of Energy Markets and End Use II. Title. OCLC 09265739

**83-10979**

**E 3.2:Oi 5/10**

Lehr, Michael D.

Outlook for oil imports / prepared by Michael D. Lehr, Julie Zalkind. — Washington, D.C. : Energy Information Administration, Office of Energy Markets and End Use, U.S. Dept. of Energy : Supt. of Docs., U.S. G.P.O. [distributor], 1982.

vi, 19 p. : ill. ; 28 cm. "September 1982." Includes bibliographical references. "DOE/EIA-0361." ●Item 429-T-11 S/N 061-003-00283-8 @ GPO $3.50

1. Petroleum industry and trade — United States. I. Zalkind, Julie. II. United States. Office of Energy Markets and End Use. III. Title. OCLC 09160555

**83-10980**

**E 3.2:P 94/4**

Production of onshore lower-48 oil and gas-model methodology and data description / prepared by Mary Carlson ... [et al.] — Washington, D.C. : Energy Information Administration, Office of Oil and Gas, U.S. Dept. of Energy, [1982]

v, 112 p. : ill., 1 map ; 28 cm. "June 1982." Inlcudes bibliographical references. "DOE/EIA-0345." ●Item 429-T-11 (microfiche)

1. Petroleum — United States. 2. Oil well drilling — United States. 3. Gas, Natural — United States. I. Carlson, Mary. II. United States. Energy Information Administration. Office of Oil and Gas. III. Title: Production of onshore lower-forty eight oil and gas-model methodology and data description. OCLC 09319553

83-10981

E 3.11/7-5:979

Thompson, Burlock C.

Directory of coal production ownership, 1979 / prepared by Burlock Thompson. — Washington, D.C. : Energy Information Administration, Office of Energy Markets and End Use, U.S. Dept. of Energy : Supt. of Docs., U.S. G.P.O. [distributor], 1981.

42 p. ; 28 cm. "Economics and Statistics Division, Macro and Financial Information Branch." "October 1981." "DOE/EIA-0310." ●Item 435-E-22 (microfiche) S/N 061-003-00220-0 @ GPO $4.75

1. Coal trade — United States — Directories. 2. Coal trade — United States — Statistics. I. United States. Office of Energy Markets and End Use. Macro and Financial Information Branch. II. Title. OCLC 08361056

83-10982

E 3.25/2:981

The Gas supplies of interstate natural gas pipeline companies / Federal Power Commission, Bureau of Natural Gas. Washington, D.C. : For sale by the Federal Power Commission, Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. : ill., maps (some folded) ; 27 cm. (1977-1979, Energy data report)

Annual

$6.00 "DOE/EIA-0167 (81)" Title varies slightly. Vols. for -1975 classed in: FP 1.2:G 21/2/ ; 1976 classed: E 2.12:0013 ; 1977- classed in: E 3.25/2: 1981. Description based on: 1966. Issued by: Federal Power Commission, Bureau of Natural Gas, (1966, 1969, 1972)-1975; Federal Energy Regulatory Commission, 1976; Energy Information Administration, Coal and Electric Power Statistics Division, 1977-1979; Energy Information Administration, Office of Oil and Gas, 1980- Published by: Federal Energy Regulatory Commission, Office of Pipeline and Producer Regulation, 1976; Energy Information Administration, Assistant Administrator for Energy Data, 1977; Energy Information Administration, Assistant Administrator for Energy Data Operations, 1978-1979. ●Item 438-B-1 S/N 061-003-00295-1 ISSN 0565-0127 Main series: Energy data reports

1. Gas, Natural — United States — Statistics — Periodicals. 2. Gas industry — United States — Statistics — Periodicals. 3. Gas, Natural — United States — Pipe lines — Statistics — Periodicals. I. United States. Federal Power Commission. Bureau of Natural Gas. II. United States. Federal Energy Regulatory Commission. Office of Pipeline and Producer Regulation. III. United States. Energy Information Administration. Coal and Electric Power Statistics Division. IV. United States. Energy Information Administration. Office of Energy Data. V. United States. Energy Information Administration. Office of Energy Data Operations. VI. United States. Energy Information Administration. Office of Oil and Gas. VII. Series: Energy data reports HD9581.U49G33 81-641650 553.2/85/0973 OCLC 05368814

## EDUCATION DEPARTMENT
## Washington, DC 20202

83-10983

ED 1.2:Ap 6/measurement

Rice, Eric.

Basic measurement : apprentice related training module / Eric Rice. — [Washington, D.C.?] : Dept. of Education, Office of Vocational and Adult Education, 1982.

40 p. : ill. ; 28 cm. "CONSERVA, Inc." "Contract No. 300800937"—P. [2] of cover. ●Item 455-B-2

1. Weights and measures. 2. Metric system. 3. Units. I. Conserva, Inc. II. United States. Office of Vocational and Adult Education. III. Title. IV. Title: Apprentice related training module. OCLC 09302061

83-10984

ED 1.2:In 7/no.1

Introduction to related subjects instruction and inservice training materials / Eric M. Rice ... [et al.]. — [Washington, D.C.?] : Dept. of Education, Office of Vocational and Adult Education, [1982]

12 p. : ill. ; 28 cm. — (Instructor training module ; 1) "Conserva, Inc." "Contract no. 300800937"—P. [2] of cover. ●Item 455-B-2

1. Employees, Training of — United States. 2. Apprentices — United States. I. Rice, Eric. II. Conserva, Inc. III. United States. Office of Vocational and Adult Education. IV. Series. OCLC 09310825

83-10985

ED 1.2:In 7/no.2

Drewes, Donald W., 1930-

Planning the apprenticeship program / Donald W. Drewes. — [Washington, D.C.?] : Dept. of Education, Office of Vocational and Adult Education, [1982]

40 p. ; 28 cm. — (Instructor training module ; 2) "Conserva, Inc." "Contract no. 300800937"—P. [2] of cover. ●Item 455-B-2

1. Apprentices — United States. 2. Employees, Training of — United States. I. United States. Office of Vocational and Adult Education. II. Conserva, Inc. III. Title. IV. Series. OCLC 09306774

83-10986

ED 1.2:In 7/no.6

Rice, Eric.

Directing learning activities for instruction / Eric Rice, Sally H. Spetz. — [Washington, D.C.?] : Dept. of Education, Office of Vocational and Adult Education, [1982]

32 p. : ill. ; 28 cm. — (Instructor training module ; 6) "Conserva, Inc." Bibliography: p. 14. Includes glossary. "Contract no. 300800937"—P. [2] of cover. ●Item 455-B-2

1. Apprentices — United States. 2. Employees, Training of — United States. I. Spetz, Sally H. II. United States. Office of Vocational and Adult Education. III. Conserva, Inc. IV. Title. V. Series. OCLC 09293283

83-10987

ED 1.2:In 7/no.8

Rice, Eric.

Controlling instructional settings / Eric Rice, James H. Hughes. — [Washington, D.C.?] : U.S. Dept. of Education, Office of Vocational and Adult Education, [1982]

22 p. : ill., forms ; 28 cm. — (Instructor training module ; 8) "Conserva, Inc." Includes bibliographical references. "Contract no. 300800937"—P. [2] of cover. ●Item 455-B-2

1. Apprentices — United States — Study and teaching — Supervision. 2. Education — Study and teaching — United States. I. Hughes, James H. II. United States. Office of Vocational and Adult Education. III. Conserva, Inc. IV. Title. V. Series. OCLC 09319740

83-10988

ED 1.8:Ap 6

Rice, Eric.

A basic core curriculum : instructor's guide to apprentice related training modules / Eric Rice, Sally H. Spetz, James H. Hughes. — [Washington, D.C.?] : Dept. of Education, Office of Vocational and Adult Education : For sale by the Supt. of Docs., U.S. G.P.O., 1982 i.e. 1983.

14 p. : 1 form ; 28 cm. "CONSERVA, Inc." "Contract No. 300800937"—P. [2] of cover. "Apprenticeship related

instruction"—Cover. ●Item 461-B-1 S/N 065-000-00164-1 @ GPO $3.50

1. Apprentices. 2. Employees, Training of. I. Spetz, Sally H. II. Hughes, James H. III. United States. Office of Vocational and Adult Education. IV. Conserva, Inc. V. Title. OCLC 09314272

## NATIONAL CENTER FOR EDUCATION STATISTICS
### Education Dept.
### Hyattsville, MD

**83-10989**

**ED 1.102:T 22/2**

Crane, Jane L.

Teacher demand : a sociodemographic phenomenon / by Jane L. Crane. — Washington, D.C. : National Center for Education Statistics, 1982.

ix, 38 p. ; 28 cm. "NCES 82-118"—P. [4] of cover. ●Item 461-A-1

1. Teachers — Supply and demand — United States — Statistics. 2. School personnel management — United States. I. National Center for Education Statistics. II. Title: A sociodemographic phenomemnon. OCLC 09307283

## NATIONAL INSTITUTE OF EDUCATION
### Education Dept.
### Washington, DC 20208

**83-10990**

**ED 1.308:T 28**

Anderson, Beverly L.

Educational testing facts and issues : a layperson's guide to testing in the schools / Beverly L. Anderson, Richard J. Stiggins, David W. Gordon. — Washington, D.C. : U.S. Dept. of Education, Office of Educational Research and Improvement, National Institute of Education : For sale by the Supt. of Docs., U.S. G.P.O., [1982]

iii, 50 p. : ill. ; 28 cm. "Northwest Regional Educational Laboratory." "California State Department of Education." "September 1982." Bibliography: p. 29-33. "Contract no. NIE-400-79-0059"—P. ii. ●Item 455-G-4 S/N 065-000-00145-4 @ GPO $4.75

1. Educational tests and measurements — United States. I. Stiggins, Richard J. II. Gordon, David W. III. United States. Office of Educational Research and Improvement. IV. National Institute of Education (U.S.) V. Northwest Regional Educational Laboratory. VI. California. State Dept. of Education. VII. Title. OCLC 09102562

**83-10991**

**ED 1.310/2:206052**

Price indexes for teachers in Michigan : a replication and extension. — [Washington, D.C. : U.S. Dept. of Education, 1982?]

[53] leaves ; 28 cm. Caption title. "ED 206052." "EA 013772." Bibliography: p. [53] ●Item 466-A-03 (microfiche)

1. Education — Michigan — Finance. 2. Education — Michigan — Costs. 3. Teachers — Michigan — Salaries, pensions, etc. I. United States. Dept. of Education. OCLC 09301562

**83-10992**

**ED 1.310/2:206053**

School finance and tax reform in Nevada. — [Washington, D.C. : U.S. Dept. of Education, 1982?]

[82] leaves ; 28 cm. Caption title. "ED 206053." "EA 013773." Includes bibliographical references. ●Item 466-A-03 (microfiche)

1. Education — Nevada — Finance. I. United States. Dept. of Education. OCLC 09301935

**83-10993**

**ED 1.310/2:206845**

Klibanoff, Leonard S.

Study of the career intern program : task D final report / Leonard S. Klibanoff ; prepared for National Institute of Education. — Mountain View, Calif. : RMC Research Corporation, [1981-]

v. ; 28 cm. — (RMC report ; no. 483) "May 1981." "U.S. Dept. of Education, National Institute of Education, Educational Resources Information Center (ERIC)." Description based on vol. 3. "Contract no. 400-78-0021"—P. ii. Contents: v. 3. A cost analysis of the CIP. ●Item 466-A-3 (microfiche)

1. Non-formal education — United States — Finance. 2. Occupational training — United States — Finance. 3. Vocational education — United States — Finance. I. National Institute of Education (U.S.) II. RMC Research Corporation. III. Educational Resources Information Center (U.S.) IV. Title. V. Series: RMC report (Mountain View, Calif.) ; no. 483. OCLC 09306564

**83-10994**

**ED 1.310/2:206875**

Making experience count in sex equity programs : a guide to help state sex equity coordinators work with employers and adult women to further the recognition of women's job-relevant life experience learning. — [Washington, D.C.] : U.S. Department of Education, National Institute of Education, Educational Resources Information Center (ERIC), [1981]

vi, 102 p. : forms ; 28 cm. "Educational Testing Service." "September 1981." Bibliography: p. 47-48. "ED206875." "CE 029 992." "Sponsoring agency: U.S. Department of Education, Office of Education and Employment"—T.p. verso. "Contract 300-78-0594"—T.p. verso. ●Item 466-A (microfiche)

1. Women in the professions — United States. 2. Vocational guidance for women — United States. I. Educational Resources Information Center (U.S.) II. Educational Testing Service. OCLC 09277401

**83-10995**

**ED 1.310/2:208548**

Public school finance : profiles of the states. — [Washington, D.C.] : U.S. Dept. of Education, National Institute of Education, Educational Resources Information Center (ERIC), [1981]

xxi, 198 leaves : ill. ; 28 cm. "1979 edition"—Doc. resume p. "ED 208548." "EA 014 099." Includes bibliographical references. ●Item 466-A (microfiche)

1. Public schools — United States — Finance. 2. Grants-in-aid — United States. I. Educational Resources Information Center (U.S.) OCLC 09270045

**83-10996**

**ED 1.310/2:210041**

Beazley, Richard M.

Library statistics of colleges and universities : trends 1968-1977, summary data 1977 / by Richard M. Beazley. — [Washington, D.C.?] : National Center for Education Statistics, [1982?]

x, 50 p. : forms ; 27 cm. ●Item 466-A-03 (microfiche)

1. Libraries, University and college — United States — Statistics. 2. Universities and colleges — United States — Statistics. I. National Center for Education Statistics. II. Title. OCLC 08180691

83-10997

ED 1.317:Ed 8/v.2

Higher education : a bibliographic handbook / D. Kent Halstead, editor. — Washington, D.C. : U.S. Dept. of Education, Office of Educational Research and Improvement, National Institute of Education : For sale by the Supt. of Docs., U.S. G.P.O., 1981-

v. ; 23 cm. "May 1981." Includes index. Description based on vol. II. ●Item 455-B-6 S/N 065-000-00114-4 @ GPO $10.00

1. Education, Higher — United States — Bibliography. I. Halstead, D. Kent, 1930- II. National Institute of Education (U.S.) Z5814.U7H53 016.3781/07 OCLC 08122124

## ENVIRONMENTAL PROTECTION AGENCY
## Washington, DC 20460

83-10998

EP 1.2:As 1/3

Gray, Jerry J.

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1. Asbestos — Oregon. 2. Stone, Crushed. 3. Serpentinite — Oregon. I. Beaulieu, John D. II. Ranade, M. B. III. United States. Environmental Protection Agency. Office of Air Quality Planning and Standards. IV. Oregon. Dept. of Geology and Mineral Industries. V. Research Triangle Institute. VI. Title. OCLC 09293763

83-10999

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viii, 106 p. : ill. ; 28 cm. "Energy and Environmental Analysis, Inc." "August 1979." Includes bibliographical references. "EPA-450/5-79-006." "Contract no. 68-02-2836."

1. Air quality management — United States. 2. Cadmium. I. United States. Environmental Protection Agency. Office of Air Quality Planning and Standards. II. Energy and Environmental Analysis, inc. III. Title. OCLC 07635482

83-11000

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Reaction of activated carbon with aqueous chlorine and chlorine dioxide / Vernon L. Snoeyink ... [et al.]. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1983.

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1. Carbon, Activated. 2. Chlorine compounds. I. Snoeyink, Vernon L. II. Municipal Environmental Research Laboratory. OCLC 09298745

83-11001

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Chesapeake Bay program technical studies : a synthesis / United States Environmental Protection Agency. — Washington, D.C. : The Agency, 1982.

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1. Water quality management — Chesapeake Bay (Md. and Va.) 2. Estuarine ecology — Chesapeake Bay (Md. and Va.) 3. Chesapeake Bay (Md. and Va.) I. United States. Environmental Protection Agency. OCLC 08957127

83-11002

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Contractor's engineering report : analysis of organic chemicals and plastics and synthetic resins industries. — Washington, D.C. : U.S. Environmental Protection Agency, Effluent Guidelines Division, [1981-

v. : ill. ; 28 cm. "Walk, Haydel & Associates, Inc." "October 30, 1981." Includes bibliographical references. Contents: vol. i. Conventional and nonconventional pollutant parameters. "Contract no. 68-01-6024." ●Item 431-I-1 (microfiche)

1. Organic compounds. 2. Gums and resins, Synthetic — United States. I. United States. Environmental Protection Agency. Effluent Guidelines Division. II. Walk, Haydel & Associates. OCLC 09270214

83-11003

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1. Sewage disposal plants — United States — Management. 2. Management information systems. I. United States. Environmental Protection Agency. Effluent Guidelines Division. OCLC 09293216

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Development document for proposed effluent limitations guidelines, new source performance standards for the metal finishing, point source category. — Washington, D.C. : Effluent Guidelines Division, Office of Water Regulations and Standards, U.S. Environmental Protection Agency, [1982]

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1. Metals — Finishing — Waste disposal. 2. Metals — Finishing — Environmental aspects — United States. 3. Effluent quality — United States. I. United States. Environmental Protection Agency. Effluent Guidelines Division. OCLC 09277193

83-11005

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83-11006

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Leeches (Annelida : Hirudinea) of North America / by Donald J. Klemm. — Cincinnati, Ohio : Environmental Monitoring and Support Laboratory, Office of Research and Development, U.S. Environmental Protection Agency, 1982.

xvii, 177 p. : ill., maps ; 28 cm. "Aquatic Biology Section, Environmental Monitoring and Support Laboratory, U.S. Environmental Protection Agency." "April 1982." Bibliography: p. 151-173. Includes index. "EPA-600/3-82-025." ●Item 431-I-11 (microfiche)

1. Leeches — North America. I. Environmental Monitoring and Support Laboratory (Cincinnati, Ohio). Aquatic Biology Section. II. Title. OCLC 08966218

83-11007

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1 v. (various pagings) : ill. ; 28 cm. — (Research reporting series. 2, Environmental protection technology ; EPA-600/2-79-200) "TRW Defense and Space Systems Group." "November 1979." Includes bibliographical references. "Contract no. 68-02-2165, task no. 103, program element no. INE624." ●Item 431-I-12 (microfiche)

1. Air — Pollution — United States. 2. Oxidation. I. Maddalone, R. F. II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) III. TRW Defense and Space Systems Group. IV. Series. OCLC 09292917

83-11008

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Operation and maintenance considerations for land treatment systems / by Roy F. Weston, Inc. — Cincinnati, Ohio : Municipal Environmental Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency, 1982.

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1. Water treatment plants — United States — States. 2. Sewage disposal plants — United States — States. 3. Sewage irrigation — United States — States. 4. Water reuse — United States — States. I. Municipal Environmental Research Laboratory. II. Roy F. Weston, inc. OCLC 09267794

83-11009

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Effects of chloroform in the drinking water of rats and mice : ninety-day subacute toxicity study / by Ted A. Jorgenson and Carol J. Rushbrook. — Cincinnati, Ohio : Health Effects Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency ; Springfield, Va. : National Technical Information Service [distributor], 1980.

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1. Chloroform — Toxicology. 2. Drinking water — Contamination — Physiological effect. I. Rushbrook, Carol J. II. Health Effects Research Laboratory (Cincinnati, Ohio) III. SRI International. Mammalian Toxicology Program. IV. Title. V. Series. OCLC 06947348

83-11010

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Municipal solid waste, land disposal : proceedings of the fifth annual Research Symposium at Orlando, Florida, March 26, 27, and 28, 1979 / cosponsored by the University of Central Florida and the Solid and Hazardous Waste Division, U.S. Environmental Protection Agency ; edited by Martin P. Wanielista and James S. Taylor. — Cincinnati, Ohio : Municipal Environmental Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agencyy ; Springfield, Va. : National Technical Information Service [distributor], 1979.

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1. Factory and trade waste — United States — Congresses. 2. Waste disposal in the ground — United States — Congresses. I. Wanielista, Martin P. II. Taylor, James S. III. Municipal Environmental Research Laboratory. Solid and Hazardous Waste Research Division. IV. University of Central Florida. Dept. of Civil Engineering and Environmental Sciences. V. Title. VI. Series. OCLC 09278284

83-11011

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EPA/IERL-RTP pilot electrostatic precipitator—selected experiments, 1978 / by D.W. VanOsdell ... [et al.]. — Research Triangle Park, N.C. : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory ; Springfield, Va. : National Technical Information Service [distributor, 1979]

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1. Air — Pollution — United States. 2. Electrostatic precipitation. I. VanOsdell, D, W. II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) III. Series: Research reporting series. 7, Interagency energy-environment research and developmemt ; EPA-600/7-79-238. OCLC 09263054

83-11012

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Technical review of dry FGD systems and economic evaluation of spray dryer FGD systems / by T.A. Burnett and K.D. Anderson ; prepared for U.S. Environmental Protection Agency, Office of Research and Development. — Research Triangle Park, N.C. : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory ; Muscle Shoals, AL : Tennessee Valley Authority, Office of Power, Energy Demonstrations and Technology ; Springfield, Va. : National Technical Imformation Service [distributor, 1981]

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1. Spray drying. 2. Flue gases — Desulphurization. 3. Flue gases — Desulphurization — Economic aspects. I. Anderson, K. D. II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) III. Tennessee Valley Authority. Division of Energy Demonstrations and Technology. IV. Title. V. Title: Technical review of dry F.G.D. systems and economic evaluation of spray dryer F.G.D. systems. VI. Series: Research reporting series. 7, Interagency energy-environment research and development ; EPA-600/7-81-014. OCLC 07728506

83-11013

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Emissions and efficiency performance of industrial coal stoker fired boilers / by P.L. Langsjoen, J.O. Burlingame, and J.E. Gabrielson ; prepared for U.S. Environmental Protection Agency, Office of Research and Development, U.S. Department of Energy, Division of Power Systems/Energy Technology Branch, and American Boiler Manufacturers Association. — Arlington, VA : American Boiler Manufacturers Association ; Washington, DC : U.S. Dept. of Energy, Division of Power Systems Energy Technology Branch ; Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory, 1982.

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1. Boilers — Environmental aspects — United States. 2. Coal — Environmental aspects — United States. 3. Boilers — Efficiency. I. Burlingame, J. O. II. Gabrielson, J. E. III. United States. Dept. of Energy. Division of Power Systems. Energy Technology Branch. IV. American Boiler Manufacturers' Association. V. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) VI. Title. VII. Series: Research reporting series. 7, Interagency energy-environment research and development ; EPA-600/7-81-111 a. OCLC 09270159

83-11014

EP 1.57/3:R 88

Final generic environmental impact statement for wastewater management in rural lake areas / prepared by the United States Environmental Protection Agency, Region V, and WAPORA, Incorporated. — Chicago,Ill. : U.S. Environmental Protcetion Agency, Water Division, [1983]

1 v. (various pagings) : ill. ; 28 cm. "January 1983." Includes bibliographies and index. ●Item 431-I-55

1. Sewage disposal plants — Environmental aspects — United States. 2. Sewage disposal, Rural — Environmaneal aspects — United States. I. United States. Environmental Protection Agency. Region V. Water Division. II. Wapora, inc. III. Title: Wastewater management in rural lake areas. OCLC 09220411

83-11015

EP 1.57/3:W 28/4/no.6

Alternative wastewater treatment systems for rural lake projects, Williams County Commissioners : case study no. 6 : Nettle Lake areas, Williams County, Ohio / prepared by the United States Environmental Protection Agency, Region V, with the assistance of Wapora, Inc. — Chicago, Ill. : The Region, 1982.

1 v. (various pagings) : ill., maps ; 28 cm. At head of title: Final environmental impact statement. Cover title: Alternate waste treatment systems for rural lake projects. "June, 1982"—Cover. Bibliography: p. VI-1 - VI-5. Includes index. ●Item 431-I-55 (microfiche)

1. Sewage — Environmental aspects — Ohio — Nettle Lake Region. 2. Sewage disposal plants — Environmental aspects — Ohio — Nettle Lake Region. 3. Water — Pollution — Ohio — Nettle Lake Region. I. United States. Environmental Protection Agency. Region V. II. Wapora, inc. III. Title: Alternate waste treatment systems for rural lake projects. OCLC 08789715

83-11016

EP 1.57/4:G 21

Bulk gasoline terminals : background information for proposed standards / Emission Standards and Engineering Division. — Research Triangle Park, N.C. : U.S. Environmental Protection Agency, Office of Air, Noise, and Radiation, Office of Air Quality Planning and Standards ; Springfield, VA : National Technical Information Service [distributor, 1980]

1 v. (various pagings) : ill. ; 28 cm. "Draft, EIS"—Cover. "December 1980." Includes bibliographical references. "EPA-450/3-80-038a." ●Item 431-I-55 (microfiche)

1. Gasoline — Storage — Standards. 2. Petroleum industry and trade — Environmental aspects — United States. 3. Petroleum industry and trade — Economic aspects — United States. 4. Air — Pollution — Standards — United States. I. United States. Environmental Protection Agency. Emission Standards and Engineering Division. OCLC 09267931

83-11017

EP 1.57/4:Se 1/Regional/v.1
EP 1.57/4:Se 1/Alki/v.2
EP 1.57/4:Se 1/Richmond/v.2
EP 1.57/4:Se 1/West/v.2

Draft environmental impact statement for metropolitan Seattle / prepared jointly by Environmental Protection Agency, Region X, Municipality of Metropolitan Seattle, Washington State Department of Ecology ; with the assistance of James M. Montgomery, Consulting Engineers, Inc. — Seattle, Wash. : The Region X, [1977-

2 v. in : ill. (some col.), maps (some col.) ; 28 cm. Vol. II [pt. 3] has title: Draft environmental impact statement for metropolitan Seattle wastewater facilities plan. "August 25, 1977"—Vols I, II [pts. 1, 4]. Bibliography: Vol. I, Appendix A, p. 1-14. Contents: vol. I. Regional analysis — vol. II [pt. 1]. Alki — vol. II [pt. 3]. Richmond Beach — vol. II [pt. 4]. West Point. "King County, Washington"—Vols. I-II. "EPA 910/9-77-043A"—Vol. I. "EPA 910/9-77-043B"—Vol. II [pt. 4]. "EPA 910/9-77-043C"—Vol. II [pt. 1]. "EPA-10-WA-KING-SEA-WWTW-77"—Vols. I-II. ●Item 431-I-55 (microfiche)

1. Sewage — Environmental aspects — Washington (State) — Seattle. 2. Sewage disposal — Washington (State) — Seattle. I. United States. Environmental Protection Agency. Region X. II. Washington (State). Dept. of Ecology. III. Municipality of Metropolitan Seattle (Wash.) IV. James M. Montgomery, Consulting Engineers. V. Title. OCLC 06138105

**83-11018**

**EP 1.89/2:Ae 8**

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3 p. ; 28 cm. Caption title. At head of title: Project summary. "Mar. 1981." "EPA-600/S3-80-095." ●Item 431-L-12

1. Aerosols. 2. Sulphur dioxide. 3. Diesel motor exhaust gas. I. Environmental Sciences Research Laboratory. OCLC 09310838

**83-11019**

**EP 1.89/2:Ae 8/6**

Aerosols generated by liquid sludge application to land / H.J. Harding ... [et al.]. — Cincinnati, OH : U.S. Environmental Protection Agency, Health Effects Research Laboratory : Center for Environmental Research Information [distributor], 1981.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "Apr. 1981." "EPA-600/S1-81-028." ●Item 431-L-12

1. Sewage disposal in the ground — United States. 2. Sewage sludge digestion. I. Harding, H. J. II. Health Effects Research Laboratory (Cincinnati, Ohio) OCLC 09278307

**83-11020**

**EP 1.89/2:Ai 7/7**

Flesh, R. David.

Effects of short-term intermittent air pollutants on incidence and severity of acute respiratory disease : data collection and quality assurance / R. David Flesh, Margaret L. Riha, and Michelle F. Miller. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Health Effects Research Laboratory ; Cincinnati, Ohio : Center for Environmental Research Information [distributor], 1982.

[4] p. ; 28 cm. Caption title. At head of title: Project summary. "Feb. 1982." "EPA-600/S1-81-065." ●Item 431-L-12 (microfiche)

1. Air — Pollution — United States — Physiological effect. 2. Respiratory organs — Diseases — United States. I. Riha, Margaret L. II. Miller, Michelle F. III. Health Effects Research Laboratory (Research Triangle Park, N.C.) IV. Title. V. Title: Effects of short term intermittent air pollutants on incidence and severity of acute respiratory disease. OCLC 09251355

**83-11021**

**EP 1.89/2:Al 8/4**

Davis, Stephanie C.

Modified factor analysis of selected RAPS aerosol data / Stephanie C. Davis. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Environmental Sciences Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1981.

6 p. ; 28 cm. Caption title. At head of title: Project summary. "Apr. 1981." "EPA-600/S2-80-195." ●Item 431-L-12

1. Aerosols. 2. Air — Pollution — United States. I. Environmental Sciences Research Laboratory. II. Title. OCLC 09293430

**83-11022**

**EP 1.89/2:Am 3/2**

Sexton, N. H.

A Plan to develop and implement a quality assurance program for the Ames/Salmonella test / N. Sexton, L. Myers, and T. Hughes. — Research Triangle Park, N.C. : U.S. Environmental Protection Agency, Research and Development, Health Effects Research Laboratory ; Cincinnati, Ohio : Center for Environmental Research Information [distributor], 1981.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "May 1981." "EPA-600/S2-81-054." ●Item 431-L-12

1. Salmonellosis — Diagnosis. I. Myers, L. II. Hughes, T. III. Health Effects Research Laboratory (Research Triangle Park, N.C.) IV. Title. OCLC 09251399

**83-11023**

**EP 1.89/2:B 52/3**

The Precision of the ASTM bioconcentration test / Patricia Kosian ... [et al.]. — Duluth, MN : U.S. Environmental Protection Agency, Research and Development, Environmental Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1981.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "Apr. 1981." "EPA-600/S3-81-022." ●Item 431-L-12

1. Chemicals — Testing. 2. Fishes — Effect of water pollution on. I. Kosian, Patricia. II. Environmental Research Laboratory (Duluth, Minn.) OCLC 09242638

**83-11024**

**EP 1.89/2:B 52/6**

Full-scale evaluation of activated bio-filter wastewater treatment process / Kerwin L. Rakness ... [et al.]. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1982.

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1. Sewage — Purification — Filtration. 2. Sewage sludge — Drying. I. Rakness, Kerwin L. II. Municipal Environmental Research Laboratory. OCLC 09293414

**83-11025**

**EP 1.89/2:C 17/3**

Fochtman, Edward G.

Biodegration and carbon adsorption of carcinogenic and hazardous organic compounds / E.G. Fochtman. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1981.

2 p. ; 28 cm. Caption title. At head of title: Project summary. "Mar. 1981." "EPA-600/S2-81-032." ●Item 431-L-12

1. Organic water pollutants. 2. Sewage — Purification — Activated carbon treatment. 3. Sewage — Purification — Biological treatment. I. Municipal Environmental Research Laboratory. II. Title. OCLC 09313534

**83-11026**

**EP 1.89/2:C 17/5**

Removing trace organics from drinking water using activated carbon and polymeric adsorbents / C.S. Oulman ... [et al.]. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1981.

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1. Drinking water. 2. Water — Purification. 3. Trace elements in water. I. Oulman, C. S. II. Municipal Environmental Research Laboratory. OCLC 09310910

**83-11027**

**EP 1.89/2:C 17/6**

Conner, William D.

Monitoring techniques for carbon emissions : evaluation A / William D. Conner. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Environmental Sciences Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1981.

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1. Carbon fibers. 2. Air — Pollution — Measurement. I. Environmental Sciences Research Laboratory. II. Title. OCLC 09310894

**83-11028**

**EP 1.89/2:C 17/9**

Potential atmospheric carcinogens : phases 2/3 : analytical technique and field evaluation / D.S. West ... [et al.]. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Research and Development, Environmental Sciences Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1981.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "Oct. 1981." "EPA-600/S2-81-106." ●Item 431-L-12 (microfiche)

1. Air — Pollution. 2. Carcinogenicity testing. I. West, D. S. II. Environmental Sciences Research Laboratory. OCLC 09243142

**83-11029**

**EP 1.89/2:C 42/2**

Spinoza, E. D.

Chemical analysis of particle size fractions from glass melting furnaces / E.D. Spinoza and R.A. Holman. — Cincinnati, OH : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1981.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "Apr. 1981." "EPA-600/S2-81-015." ●Item 431-L-12

1. Glass furnaces. 2. Particle size determination. 3. Glass manufacture — Environmental aspects — United States. I. Holman, R. A. (Robbin Annette), 1956- II. Industrial Environmental Research Laboratory (Cincinnati, Ohio) III. Title. OCLC 09269268

**83-11030**

**EP 1.89/2:C 45/6**

Lykins, Ben W.

Chlorine dioxide disinfection and granular activated carbon adsorption / Ben W. Lykins, Jr., and Mark Griese. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1982.

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1. Carbon, Activated. 2. Plants, Effect of chlorine on. I. Griese, Mark. II. Municipal Environmental Research Laboratory. III. Title. OCLC 09289483

**83-11031**

**EP 1.89/2:C 63/11**

Stoermer, Matt.

Coal : dRDF demonstration test in an industrial spreader stoker boiler : use of coal : dRDF blends in stoker-fired boilers : volumes I and II / Matt Stoermer. — Cincinnati, Ohio : U.S. Environmental Protection Agency, Research and Development, Municipal Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1981.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "Oct. 1981." "EPA-600/S2-81-183/184." ●Item 431-L-12 (microfiche)

1. Coal. 2. Refuse as fuel. 3. Boilers — Fuel. I. Municipal Environmental Research Laboratory. II. Title. OCLC 09256900

**83-11032**

**EP 1.89/2:C 99**

Usefulness of the self-fertilizing cyprinodontid fish, rivulus marmoratus as an experimental animal in studies involving carcinogenesis, teratogenesis and mutagenesis / Christopher C. Koenig ... [et al.]. — Gulf Breeze, FL : U.S. Environmental Protection Agency, Environmental Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1982.

5 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. "Sept. 1982." "EPA-600/S3-82-075." ●Item 431-L-12 (microfiche)

1. Animal experimentation — Caribbean Sea. 2. Cyprinodontidae. 3. Cancer — Animal models. I. Koenig, Christopher C. II. Environmental Research Laboratory (Gulf Breeze, Fla.) OCLC 09297714

**83-11033**

**EP 1.89/2:D 54**

Houck, Daniel H.

Survey and evaluation of fine bubble dome diffuser aeration equipment / D.H. Houck and A.G. Boon. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory : Center for Environmental Research Information, 1981.

7, [1] p. ; 28 cm. Caption title. At head of title: Project summary. "Oct. 1981." "EPA-600/S2-81-222." ●Item 431-L-12

1. Sewage — Purification — Aeration. 2. Sewage — Purification — Energy conservation. I. Municipal Environmental Research Laboratory. II. Title. OCLC 09269845

**83-11034**

**EP 1.89/2:D 83/2**

Capuzzo, Judith M.

Drilling fluid effects to developmental stages of the American lobster / Judith M. Capuzzo and Jennifer G. Smith Derby. — Gulf Breeze, FL : U.S. Environmental Protection Agency, Environmental Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1982.

6 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. "August 1982." "EPA-600/S4-82-039." ●Item 431-L-12 (microfiche)

1. Oil well drilling, Submarine — Environmental aspects. 2. Offshore oil industry — Environmental aspects. 3. Ameri-

can lobster. I. Derby, Jennifer G. Smith. II. Environmental Research Laboratory (Gulf Breeze, Fla.) III. Title. OCLC 09307425

**83-11035**

**EP 1.89/2:D 84/2**

Hauser, S. G.

Dry/wet performance of a plate-fin air-cooled heat exchanger with continuous corrugated fins / S.G. Hauser, D.K. Kreid, and B.M Johnson. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1982.

13 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. "August 1982." "EPA-600/S7-82-014." ●Item 431-L-12 (microfiche)

1. Power-plants. 2. Cooling. 3. Heat exchangers. I. Kreid, D. K. II. Johnson, B. M. III. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) IV. Title. OCLC 09307053

**83-11036**

**EP 1.89/2:Em 4/4**

Beggs, Thomas W.

Emission of volatile organic compounds from drum-mix asphalt plants / Thomas W. Beggs. — Cincinnati, OH : U.S. Environmental Protection Agency, Research and Development, Industrial Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1981.

3 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. "Apr. 1981." "EPA-600/S2-81-026." ●Item 431-L-12

1. Organic compounds. 2. Asphalt — Environmental aspects. I. Industrial Environmental Research Laboratory (Cincinnati, Ohio) II. Title. OCLC 09293456

**83-11037**

**EP 1.89/2:Em 4/12**

Bubenick, David V.

Control of particulate emissions from atmospheric fluidized-bed combustion with fabric filters and electrostatic precipitators / David V. Bubenick, Robert R. Hall, and John A. Dirgo. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Research and Development, Industrial Environmental Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1981.

6 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. "Dec. 1981." Bibliography: p. 4. "EPA-600/S7-81-105." ●Item 431-L-12 (microfiche)

1. Fluidized-bed furnaces. 2. Filters and filtration. 3. Electrostatic precipitation. 4. Filter cloth. I. Hall, Robert H. II. Dirgo, John A. III. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) IV. Title. OCLC 09242515

**83-11038**

**EP 1.89/2:En 2/3/add.**

Lewis, D. Scott.

Addendum to "Environmental assessment source test and evaluation report-Chapman Low-BTU gasification" / D. Scott Lewis and G.C. Page. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information, 1981.

6 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. "Apr. 1981." Includes bibliographical references. "EPA-600/S7-80-178." ●Item 431-L-12

1. Coal gasification — Environmental aspects — United States. I. Page, G. C. II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) III. Title. OCLC 09251753

**83-11039**

**EP 1.89/2:En 2/5**

Energy use patterns and environmental implications of direct-fired industrial processes / Benjamin L. Blaney ... [et al.]. — Cincinnati, OH : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1981.

9 p. ; 28 cm. Caption title. At head of title: Project summary. "Oct. 1981." "EPA-600/S7-81-132." ●Item 431-L-12 (microfiche)

1. Oil-shale industry — Colorado — Environmental aspects. 2. Botany — Colorado. I. Blaney, Benjamin L. II. Industrial Environmental Research Laboratory (Cincinnati, Ohio) OCLC 09298907

**83-11040**

**EP 1.89/2:En 2/9**

Adalis, Dorothy.

Determination of the effects of material from alternate energy sources on the upper respiratory tract clearance mechanism : part I and part II / Dorothy Adalis. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Research and Development, Health Effects Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1982.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "Feb. 1982." "EPA-600/S1-81-067." ●Item 431-L-12 (microfiche)

1. Renewable energy sources — Environmental aspects. 2. Air — Pollution — Physiological effect. 3. Respiratory organs — Foreign bodies. I. Health Effects Research Laboratory (Research Triangle Park, N.C.) II. Title. OCLC 09242607

**83-11041**

**EP 1.89/2:En 2/13**

Stauffer, J. L.

Interpretation of low resolution mass spectra for level 1 analysis of environmental mixtures / James C. Stauffer. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory ; Cincinnati, OH. : Center for Environmental Research Information [distributor], 1982.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "August 1982." "EPA-600/S7-82-033." ●Item 431-L-12 (microfiche)

1. Mass spectrometry. 2. Spectrum analysis. I. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) II. Title. OCLC 09289380

**83-11042**

**EP 1.89/2:En 8/5**

Environmental assessment of combustion modification controls for stationary internal combustion engines / H.I. Lips ... [et al.]. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1982.

6 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. "July 1982." "EPA-600/S7-81-127." ●Item 431-L-12 (microfiche)

1. Internal combustion engines — Combustion. I. Lips, H. II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) OCLC 09297530

**83-11043**

**EP 1.89/2:En 8/8**

Castaldini, Carlo.

Environmental assessment of a low-emission oil-fired residential hot water condensing heating system / C. Castaldini. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information, 1982.

3, [1] p. : ill. ; 28 cm. Caption title. At head of title: Project summary. "Sept. 1982." "EPA-600/S7-82-038." ●Item 431-L-12 (microfiche)

1. Water heaters. 2. Hot-water heating. I. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) II. Title. OCLC 09278365

**83-11044**

**EP 1.89/2:En 8/11**

Meyers, S. P.

Determination of the environmental impact of several substitute chemicals in agriculturally affected wetlands / S.P. Meyers, R.P. Gambrell, and J.W. Day, Jr. — Gulf Breeze, FL : U.S. Environmental Protection Agency, Research and Development, Environmental Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1982.

3, [1] p. ; 28 cm. Caption title. At head of title: Project summary. "Sept. 1982." "EPA-600/S4-82-052." ●Item 431-L-12 (microfiche)

1. Wetland ecology. 2. Wetlands. 3. Pest control — Biological control. 4. Agricultural chemistry. 5. Spraying and dusting in agriculture — Environmental aspects. I. Gambrell, Robert P. II. Day, John W. III. Environmental Research Laboratory (Gulf Breeze, Fla.) IV. Title. OCLC 09297457

**83-11045**

**EP 1.89/2:F 11/3**

Fabric filter system study : second annual report / K.L. Ladd ... [et al.] — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory ; Cincinnati, Ohio : Center for Environmental Research Information [distributor], 1981.

4 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. At head of title: Project summary. "July 1981." "EPA-600/S7-81-037." ●Item 431-L-12

1. Flue gases — Purification. 2. Filter cloth — Testing. 3. Air filters — Testing. I. Ladd, K. L. II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) OCLC 09175017

**83-11046**

**EP 1.89/2:F 41**

Soldano, Louis P.

Ferrous metals recovery at Recovery 1, New Orleans, Louisiana / Louis P. Soldano. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1981.

4 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. "July 1981." "EPA-600/S2-81-102." ●Item 431-L-12

1. Iron compounds. 2. Waste products — Louisiana. I. Municipal Environmental Research Laboratory. II. Title. OCLC 09293520

**83-11047**

**EP 1.89/2:F 45**

Kilkelly, M. K.

Field studies on USBM and TOSCO II retorted oil shales : vegetation, moisture, salinity, and runoff, 1977-1980 / M.K. Kilkelly, W.A. Berg, and H.P. Harbert, III. — Cincinnati, OH : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1982.

9 p. ; 28 cm. Caption title. At head of title: Project summary. "Mar. 1982." "EPA-600/S7-81-139." ●Item 431-L-12 (microfiche)

1. Revegetation. 2. Oil-shale industry — United States — Waste Disposal. I. Berg, W. A. (William Albert), 1930- II. Harbert, H. P. III. Industrial Environmental Research Laboratory (Cincinnati, Ohio) IV. Title. OCLC 09251529

**83-11048**

**EP 1.89/2:F 67/2**

Dickerman, J. C.

Interagency flue gas desulfurization evaluation : final report / J.C. Dickerman, D.H. Brown, W.R. Menzies. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information, [distributor] 1981.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "Apr. 1981." "EPA-600/S7-81-015." ●Item 431-L-12

1. Flue gases — Desulphurization. I. Brown, D. H. , II. Menzies, W. R. III. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) OCLC 09242963

**83-11049**

**EP 1.89/2:F 67/14**

Fluidized-bed combustion technology overview / T.E. Dowdy ... [et al.]. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor, 1982]

4 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. "August 1982." "EPA-600/S7-81-074." ●Item 431-L-12 (microfiche)

1. Fluidized-bed furnaces. 2. Fluidization. I. Dowdy, T. E. II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) OCLC 09297404

**83-11050**

**EP 1.89/2:F 95/4**

Gause, Emily M.

Possible approaches to the health effects testing of fuels and fuel additives / Emily M. Gause, Martin L. Meltz, and Nathan D. Greene. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Health Effects Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information, 1982.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "Feb. 1982." "EPA-600/S2-81-235." ●Item 431-L-12 (microfiche)

1. Fuel. 2. Fuel — Toxicology. I. Meltz, Martin L. II. Greene, Nathan D. III. Health Effects Research Laboratory (Research Triangle Park, N.C.) IV. Title. OCLC 09277618

**83-11051**

**EP 1.89/2:H 33/4**

Kirsch, Milton.

A hazardous materials spills warning system / Milton Kirsch, Rovert Melvold, and John Vrolyk. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory : Center for Environmental Research Information, 1981.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "Oct. 1981." "EPA-600/S2-81-212." ●Item 431-L-12 (microfiche)

1. Hazardous substances — Accidents. 2. Water — Pollution — Measurement. I. Melvold, Robert W. II. Vrolyk,

John, 1925- III. Municipal Environmental Research Laboratory. IV. Title. OCLC 09313654

**83-11052**

**EP 1.89/2:H 53/2**

Dickson, Walter R.

Sampling for high-molecular-weight organic compounds in power plant stack gases / Walter R. Dickson, Herbert C. Miller, and William J. Barrett. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Environmental Sciences Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1982.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "August 1982." "EPA-600/S7-92-039." ●Item 431-L-12 (microfiche)

1. Coal-fired power plants — United States. 2. Air sampling apparatus. 3. Flue gases. I. Miller, Herbert C. (Herbert Crawford), 1944- II. Barrett, William J. III. Environmental Sciences Research Laboratory. IV. Title. OCLC 09313232

**83-11053**

**EP 1.89/2:H 81**

Skintik, Catherine H.

Houston aerosol characterization study / Catherine H. Skintik. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Environmental Sciences Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1981.

7 p. ; 28 cm. Caption title. At head of title: Project summary. "Apr. 1981." "EPA-600/S3-80-098." ●Item 431-L-12

1. Aerosols — Measurement. I. Environmental Sciences Research Laboratory. II. Title. OCLC 09293509

**83-11054**

**EP 1.89/2:H 99/2**

Duval, Marc Maurice.

Source resolution of polycyclic aromatic hydrocarbons in the Los Angeles atmosphere : application of a chemical species balance method with first order chemical decay / Marc Maurice Duval and S.K. Friedlander. — Research Triangle Park, N.C. : U.S. Environmental Protection Agency, Research and Development, Environmental Sciences Research Laboratory ; Cincinnati, Ohio : Center for Environmental Research Information [distributor], 1982.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "Jan. 1981." "EPA-600/S2-81-161." ●Item 431-L-12 (microfiche)

1. Hydrocarbons. 2. Aerosols. 3. Air — Pollution — California — Los Angeles. I. Friedlander, Sheldon K. (Sheldon Kay), 1927- II. Environmental Sciences Research Laboratory. III. Title. OCLC 09256855

**83-11055**

**EP 1.89/2:Ir 6/980**

Symposium on Iron and Steel Pollution Abatement Technology for 1980 (1980 : Philadelphia, Pa.)

Proceedings, Symposium on Iron and Steel Pollution Abatement Technology for 1980 / Franklin A. Ayer. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1981.

8 p. ; 28 cm. Caption title. At head of title : Project summary. "Sept. 1981." "EPA-600/S9-81-017." ●Item 431-L-12

1. Pollution — United States — Congresses. 2. Iron industry and trade — Environmental aspects — United States — Congresses. 3. Steel industry and trade — Environmental aspects — United States — Congresses. I. Ayer, Franklin A. II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) III. Title. OCLC 09264137

**83-11056**

**EP 1.89/2:L 47**

Blacksmith, J. R.

Frequency of leak occurrence for fittings in synthetic organic chemical plant process units / J.R. Blacksmith, G.E. Harris, and G.J. Langley. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1981.

8 p. ; 28 cm. Caption title. At head of title: Project summary. "May 1981." "EPA-600/S2-81-003." ●Item 431-L-12

1. Chemistry, Organic — Synthesis. I. Langley, G. J. II. Harris, G. E. III. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) IV. Title. OCLC 09243123

**83-11057**

**EP 1.89/2:L 85**

Henmi, Teizi.

Long-range transport and transformation of $SO_x$ and sulfate : refinement, application, and verification of models / Teizi Henmi and Elmar R. Reiter. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Environmental Sciences Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1981.

3 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. "Oct. 1981." "EPA-600/S4-81-070." ●Item 431-L-12 (microfiche)

1. Acid rain — Environmental aspects — United States. 2. Air — Pollution — Mathematical models. I. Reiter, Elmar R. II. Environmental Sciences Research Laboratory. III. Title. OCLC 09251573

**83-11058**

**EP 1.89/2:L 96**

Firefly luciferase ATP assay development for monitoring bacterial concentrations in water supplies / Grace L. Picciolo ... [et al.]. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1981.

6 p. : ill. 28 cm. Cover title. At head of title: Project summary. "Apr. 1981." "EPA-600/S2-81-014." ●Item 431-L-12

1. Drinking water — Contamination — Measurement. 2. Bacteria. 3. Adenosine triphosphate. 4. Luciferase. I. Picciolo, Grace Lee. II. Municipal Environmental Research Laboratory. OCLC 09278345

**83-11059**

**EP 1.89/2:M 56/12**

Gottfried, Gary J.

Application and evaluation of analytical procedures for trace metals, total cyanide and phenolics / Gary J. Gottfried. — Cincinnati, OH : U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory : Center for Environmental Research Information [distributor], 1982.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "August 1982." "EPA-600/S4-82-001." ●Item 431-L-12 (microfiche)

1. Metals — Environmental aspects — United States. 2. Cyanides. 3. Phenols. I. Environmental Monitoring and Support Laboratory (Cincinnati, Ohio) II. Title. OCLC 09251465

83-11060

EP 1.89/2:M 58/3

Lewis, Charles W.

The tapered element oscillating microbalance : a monitor for short-term measurement of fine aerosol mass concentration / Charles W. Lewis. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Environmental Sciences Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1981.

3 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. "Oct. 1981." "EPA-600/S2-81-146." ●Item 431-L-12 (microfiche)

1. Aerosols. 2. Mass (Physics) I. Environmental Sciences Research Laboratory. II. Title. OCLC 09251274

83-11061

EP 1.89/2:M 58/4

Fannin, Kerby F.

Development and evaluation of an ambient viable microbial air sampler / Kerby F. Fannin and Stanley C. Vana. — Cincinnati, OH : U.S. Environmental Protection Agency, Health Effects Research Laboratory : Center for Environmental Research Information [distributor], 1982.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "Feb. 1982." "EPA-600/S1-81-069." ●Item 431-L-12 (microfiche)

1. Aerosols — Environmental aspects — United States. 2. Air — Pollution — Measurement. I. Vana, Stanley C. II. Health Effects Research Laboratory (Cincinnati, Ohio) III. Title. OCLC 09278497

83-11062

EP 1.89/2:M 72

Hamil, Henry F.

Evaluation of molecular sieves for sampling NOx emissions at electric utility plants / Henry F. Hamil. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Environmental Monitoring Systems Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1981.

[2] p. ; 28 cm. Caption title. At head of title: Project summary. "July 1981." "EPA-600/S4-81-024." ●Item 431-L-12

1. Electric power production — By-products — Analysis. 2. Molecular sieves. 3. Nitrogen compounds — Analysis. 4. Boilers. I. Environmental Monitoring Systems Laboratory (Research Triangle Park, N.C.) II. Title. OCLC 09243311

83-11063

EP 1.89/2:M 92

Shultz, David W.

A case study of the Muncie, Indiana, water quality control program / David W. Shultz. — Ada, OK : U.S. Environmental Protection Agency, Robert S. Kerr Environmental Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1982.

5 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. "Sept. 1982." "EPA-600/S2-82-074." ●Item 431-L-12 (microfiche)

1. Water quality management — Indiana — Muncie. I. Robert S. Kerr Environmental Research Laboratory. II. Title. OCLC 09263288

83-11064

EP 1.89/2:M 98

Assessment of mutagenic potential of mixtures of organic substances in renovated water / M.W. Neal ... [et al.]. — Cincinnati, OH : U.S. Environmental Protection Agency, Health Effects Research Laboratory : Center for Environmental Research Information [distributor], 1981.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "Mar. 1981." "EPA-600/S1-81-016." ●Item 431-L-12

1. Mutagenicity testing. 2. Water — Purification — Organic compounds removal. 3. Organic water pollutants — Environmental aspects. I. Neal, M. W. II. Health Effects Research Laboratory (Cincinnati, Ohio) OCLC 09252627

83-11065

EP 1.89/2:N 63/6

Analysis of commercial cylinder gases of nitric oxide, sulfur dioxide, and carbon monoxide at source concentrations : results of audit 5 / C.E. Decker ... [et al.]. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Environmental Monitoring Systems Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1981.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "Dec. 1981." "EPA-600/S4-81-080." ●Item 431-L-12 (microfiche)

1. Gases — Analysis. 2. Trace elements. I. Decker, C. E. II. Environmental Monitoring Systems Laboratory (Research Triangle Park, N.C.) III. Title. OCLC 09251200

83-11066

EP 1.89/2:N 63/7

Rhoades, John W.

Determination of nitrosamines in industrial and municipal wastewaters / John W. Rhoades, Richard E. Thomas, and Donald E. Johnson. — Cincinnati, OH : U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory : Center for Environmental Research Information [distributor], 1982.

6 p. ; 28 cm. Caption title. At head of title: Project summary. "May 1982." "EPA-600/S4-82-016." ●Item 431-L-12 (microfiche)

1. Nitrosomines — Measurement. 2. Water — Pollution — Measurement. 3. Sewage — Analysis. 4. Gas chromatography. I. Thomas, R. E. (Richard E.), 1923- II. Johnson, Donald E. III. Environmental Monitoring and Support Laboratory (Cincinnati, Ohio) IV. Title. OCLC 09277645

83-11067

EP 1.89/2:N 63/8

Shafer, Kenneth H.

Determination of nitroaromatic compounds and isphorone in industrial and municipal wastewaters / Kenneth H. Shafer. — Cincinnati, OH : U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory : Center for Environmental Research Information [distributor, 1982]

7 p. ; 28 cm. Caption title. At head of title: Project summary. "June 1982." "EPA-600/S4-82-024." ●Item 431-L-12 (microfiche)

1. Factory and trade waste — United States. 2. Sewage — Environmental aspects. 3. Organic compounds. I. Environmental Monitoring and Support Laboratory (Cincinnati, Ohio) II. Title. OCLC 09257118

83-11068

EP 1.89/2:N 74

Nonvolatile organics in disinfected wastewater effluents : chemical characterization and mutagenicity / R.L. Jolley ... [et al.]. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1982.

3, [1] p. : ill. ; 28 cm. Caption title. At head of title: Project summary. "Sept. 1982." "EPA-600/S2-82-017." ●Item 431-L-12 (microfiche)

1. Sewage — Purification — Chlorination. 2. Sewage — Purification. I. Jolley, R. L. II. Municipal Environmental Research Laboratory. OCLC 09307008

83-11069

EP 1.89/2:Oh 3

Ohio River Basin Energy Study (ORBES). — Washington, DC : U.S. Environmental Protection Agency, Research and Development, Office of Environmental Engineering and Technology ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1981.

19 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. "May 1981." "EPA-600/S7-81-008." ●Item 431-L-12

1. Ohio River Basin Energy Study. 2. Power resources — Research — Ohio. OCLC 09278375

83-11070

EP 1.89/2:Oi 5/10

Smith, Gary, 1928-

Deployment of configurations for improved oil containment with selected sorbent booms / Gary F. Smith. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1981.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "Oct. 1981." "EPA-600/S2-81-168." ●Item 431-L-12 (microfiche)

1. Oil spill booms. 2. Sorbents. I. Municipal Environmental Research Laboratory. II. Title. OCLC 09242495

83-11071

EP 1.89/2:Oi 5/18

Oil spill response scenarios for remote arctic environments / Robert R. Schulze ... [et al.]. — Cincinnati, OH. : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1982.

7 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. "August 1982." "EPA-600/S2-82-036." ●Item 431-L-12 (microfiche)

1. Oil spills — Environmental aspects — Alaska. I. Schulze, Robert H. II. Municipal Environmental Research Laboratory. OCLC 09302104

83-11072

EP 1.89/2:Oi 5/19

Apparatus and procedure for determining oil droplet size distribution / Raymond A. Meyer ... [et al.]. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1982.

7 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. "August 1982." "EPA-600/S2-82-032." ●Item 431-L-12 (microfiche)

1. Photomicrography. 2. Oil field brines. 3. Particle size determination. I. Meyer, Raymond A. II. Municipal Environmental Research Laboratory. OCLC 09298855

83-11073

EP 1.89/2:Oz 7/4

Wells, Ibert C.

Ozone exposure and pulmonary metabolic effects of mediators and hormones / Ibert C. Wells. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Health Effects Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information, 1981.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "Sept. 1981." "EPA-600/S1-81-051." ●Item 431-L-12

1. Ozone — Physiological effect. I. Health Effects Research Laboratory (Research Triangle Park, N.C.) II. Title. OCLC 09273429

83-11074

EP 1.89/2:P 25

Aranyi, Catherine.

Effect of industrial particulate samples on alveolar macrophages / Catherine Aranyi. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Health Effect Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1981.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "Mar. 1981." "EPA-600/S1-83-003." ●Item 431-L-12

1. Particles. 2. Air — Pollution. 3. Macrophages. I. Health Effects Research Laboratory (Research Triangle Park, N.C.) II. Title. OCLC 09313208

83-11075

EP 1.89/2:P 56/2

Weber. T. W. (Thomas W.)

Response of phytoplankton to acidification in experimental streams / T. W. Weber. — Duluth, MN : U.S. Environmental Protection Agency, Environmental Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information, 1981.

[2] p. ; 28 cm. Caption title. At head of title: Project summary. "Apr. 1981." "EPA-600/S3-81-042." ●Item 431-L-12

1. Stream ecology — Minnesota — Monticello. 2. Acidity function. I. Environmental Research Laboratory (Duluth, Minn.) II. Title. OCLC 09293536

83-11076

EP 1.89/2:P 69

Development of a protocol for testing effects of toxic substances on plants / C. Ray Thompson ... [et al.]. — Corvallis, OR : U.S. Environmental Protection Agency, Environmental Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1981.

3, [1] p. ; 28 cm. Caption title. At head of title: Project summary. "May 1981." "EPA-600/S3-81-006." ●Item 431-L-12

1. Plants — Hardiness. 2. Toxins. 3. Plants, Effect of poisons on. I. Thompson, C. Ray (Chester Ray), 1915- II. Corvallis Environmental Research Laboratory. OCLC 09299410

83-11077

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Eisenbraun, E. J.

Polynuclear aromatic compounds : synthesis and purification / E.J. Eisenbraun. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Environmental Sciences Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information, [distributor] 1981.

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1. Radioactive pollution of the atmosphere. 2. Aromatic compounds — Synthesis — Safety measures. 3. Aromatic compounds — Purification — Safety measures. I. Environmental Sciences Research Laboratory. II. Title. OCLC 09242831

**83-11078**

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Liners of natural porous materials to minimize pollutant migration / Wallace H. Fuller. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1981.

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1. Waste disposal in the ground — United States — Environmental aspects. I. Municipal Environmental Research Laboratory. II. Title. OCLC 09242554

**83-11079**

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A two stage particle fractinator using large pore nuclepore surfaces / Gale H. Buzzard and Richard D. Parker. — Research Triangle Park, N.C. : U.S. Environmental Protection Agency, Environmental Sciences Research Laboratory ; Cincinnati, Ohio : Center for Environmental Research Information [distributor], 1981.

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1. Filters and filtration. I. Parker, Richard N., 1949- II. Environmental Sciences Research Laboratory. III. Title. OCLC 09256796

**83-11080**

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1. Waste products as fuel. 2. Refuse as fuel. 3. Fuel — United States. I. Gorman, Paul G. II. Union Carbide Corporation. III. Industrial Environmental Research Laboratory (Cincinnati, Ohio) OCLC 09278397

**83-11081**

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Evaluation of abatement alternatives through the use of remote sensing devices / H.J. Yaffee, N.L. Cichowicz, and R.W. Pease, Jr. — Cincinnati, Oh. : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1981.

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1. Remote sensing — United States — Equipment and supplies. 2. Hazardous substances — Environmental aspects — United States. I. Cichowicz, N. L. II. Pease, R. W. III. Municipal Environmental Research Laboratory. IV. Title. OCLC 09289456

**83-11082**

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1. Salmonidae. 2. Water — Pollution — United States — Environmental aspects. I. Knight, Ned J. II. Corvallis Environmental Research Laboratory. III. Title. OCLC 09263964

**83-11083**

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Controlling sediment and nutrient losses from Pacific Northwest irrigated areas / Brian L. McNeal, Norman K. Whittlesey, and Vincent F. Obersinner. — Ada, OK : U.S. Environmental Protection Agency, Robert S. Kerr Environmental Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1982.

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1. Sediment control — Pacific States. I. Whittlesey, Norman K. II. Obersinner, Vincent F. III. Robert S. Kerr Environmental Research Laboratory. IV. Title. OCLC 09297570

**83-11084**

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Method development for determination of polychlorinated hydrocarbons in municipal sludge / Charles F. Rodriguez, William A. McMahon, and Richard E. Thomas. — Cincinnati, OH : U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory : Center for Environmental Research Information [distributor], 1982.

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1. Hydrocarbons — Biodegradation. 2. Pesticides — United States — Biodegradation. 3. Sewage sludge. 4. Water — Purification — Biological treatment. I. McMahon, William A. II. Thomas, R. E. (Richard E.), 1923- III. Environmental Monitoring and Support Laboratory (Cincinnati, Ohio) IV. Title. OCLC 09264165

**83-11085**

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1. Carbon, Activated. 2. Sewage — Purification — Filtration. 3. Petroleum refineries — United States. I. McBride,

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**83-11086**

**EP 1.89/2:So 1/2**

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1. Cyanide process. 2. Flotation. I. Mezey, E. J. II. Industrial Environmental Research Laboratory (Cincinnati, Ohio) OCLC 09278315

**83-11087**

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1. Chemicals — Environmental aspects — United States. 2. Air — Pollution — United States. I. Greer, J. S. II. Municipal Environmental Research Laboratory. OCLC 09140243

**83-11088**

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Impact of topographic circulations on the transport and dispersion of air pollutants / Richard T. McNider and Roger A. Pielke. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Environmental Sciences Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1981.

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1. Air — Pollution — Mathematical models. 2. Atmospheric circulation — Mathematical models. I. Pielke, Roger A. II. Environmental Sciences Research Laboratory. III. Title. OCLC 09242668

**83-11089**

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1. Fourier transform spectroscopy. 2. Infra-red spectrometry. 3. Atmospheric research — California. I. Tuazon, Ernesto C. II. Environmental Sciences Research Laboratory. OCLC 09242766

**83-11090**

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1. Organic compounds — Analysis. 2. Hydrocarbon research. I. Brown, G. E. (Gary Eugene), 1953- II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) OCLC 09242717

**83-11091**

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VOC fugitive emissions data : high density polyethylene process unit / Cynthia M. Harvey and A. Carl Nelson. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1981.

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**83-11092**

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**83-11093**

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Wastewater treatment by rooted aquatic plants in sand and gravel trenches / Pamela R. Pope. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1981.

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**83-11094**

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Compatibility of source separation and mixed-waste processing for resource recovery / Louis Soldano, Stephen C.

James, and Charles Miller. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1981.

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1. Refuse and refuse disposal — United States. 2. Recycling (Waste, etc.) — United States. I. James, Stephen C. II. Miller, Chaz David, 1947- III. Municipal Environmental Research Laboratory. IV. Title. OCLC 09277747

**83-11095**

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Components identified in energy-related wastes and effluents / J.E. Gebhart and M.M. McKnown. — Athens, GA : U.S. Environmental Protection Agency, Environmental Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1982.

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1. Energy industries — Environmental aspects — United States. 2. Effluent quality — Measurement. I. McKnown, Mary M. II. Environmental Research Laboratory (Athens, Ga.) III. Title. OCLC 09277732

**83-11096**

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Water infiltration control to achieve mine water pollution control : the Dents Run Watershed demonstration project / Jonathan G. Herrmann. — Cincinnati, Ohio : U.S. Environmental Protection Agency, Research and Development, Industrial Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1980.

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1. Reclamation of land — West Virginia — Monongalia County. 2. Acid mine drainage — West Virginia — Monongalia County. I. Industrial Environmental Research Laboratory (Cincinnati, Ohio) II. Title. OCLC 08685071

**83-11097**

**EP 1.89/2:W 29/19**

Biological processes in the treatment of municipal water supplies / R.G. Rice ... [et al.]. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1982.

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1. Water — Purification — Biological treatment. 2. Municipal water supply. I. Rice, Rip G. II. Municipal Environmental Research Laboratory. OCLC 09307343

**83-11098**

**EP 1.89/2:W 29/21**

Socioeconomic impacts of water quality strategies / Robert F. McMahon. — Cincinnati, OH. : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1982.

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1. Water quality management — United States — Finance. 2. Water quality — Social aspects — United States. I. Municipal Environmental Research Laboratory. II. Title. OCLC 09270082

**83-11099**

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Determinants and options for water distribution system management : a cost evaluation / Robert M. Clark ... [et al.]. — Cincinnati, OH : U.S. Environmental Protection Agency, Research and Development, Municipal Environmental Research Laboratory : Center for Environmental Research Information [distributor], 1982.

7 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. "August 1982." "EPA-600/S2-82-033." ●Item 431-L-12 (microfiche)

1. Water — Distribution — Management. 2. Water — Distribution — Economic aspects. 3. Water — Distribution — Finance. I. Clark, Robert Maurice. II. Municipal Environmental Research Laboratory. OCLC 09264088

**83-11100**

**EP 1.89/2:W 85/4**

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Proceedings, Conference on Wood Combustion Environmental Assessment (New Orleans, February 1981) / Franklin A. Ayer, compiler. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information, 1981.

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1. Fuelwood — Environmental aspects — United States — Congresses. I. Ayer, Franklin A. II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) III. Title. OCLC 09251158

**83-11101**

**EP 1.89/2:600/S 3-82-079**

Rao, K. Shankar.

Analytical solutions of a gradient-transfer model for plume deposition and sedimentation / K. Shankar Rao. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Environmental Sciences Research Laboratory ; Cincinnati, OH : Center for Environmental Research Information [distributor], 1982.

[2] p. ; 28 cm. Caption title. At head of title: Project summary. "Nov. 1982." "EPA-600/S3-82-079." ●Item 431-L-12

1. Plumes (Fluid dynamics) 2. Turbulent diffusion (Meteorology) — Mathematical models. 3. Air — Pollution. I. Environmental Sciences Research Laboratory. II. Title. OCLC 09289669

## WATER PROGRAMS OPERATIONS OFFICE
## Environmental Protection Agency
## Washington, DC 20460

**83-11102**

**EP 2.2:Sl 7**

Sludge and the land : the role of soil and water conservation districts in land application of sewage sludge / prepared by the National Association of Conservation Districts. — Washington, DC : U.S. Environmental Protection Agency, Office of Water Program Operations, 1982.

16 p. ; 28 cm. "Final report." "September, 1982." "430/9-82-007"—Cover. ●Item 473-A-1

1. Water districts — United States. 2. Sewage sludge. I. National Association of Conservation Districts. II. United States. Environmental Protection Agency. Office of Water Program Operations. III. Title: The role of soil and water conservation districts in land application of sewage sludge. OCLC 09243756

**83-11103**

**EP 2.8:In 2/981**

Manual of individual water supply systems. — Atlanta, Ga. : U.S. Environmental Protection Agency, Office of Water Programs, Water Supply Division, 1982.

viii, 155 p. : ill. ; 23 cm. "Reprinted by U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control"—Cover. "First printed 1973, revised 1974, reprinted 1975, revised 1981." Bibliography: p. 129-131. Includes index. ●Item 607-C (microfiche)

1. Water-supply, Rural. 2. Water-supply engineering. I. United States. Environmental Protection Agency. Water Supply Division. II. Centers for Disease Control (U.S.) OCLC 09251600

**83-11104**

**EP 2.28:38**

Construction costs for municipal wastewater conveyance systems : 1973-1977 / by Dames & Moore, Water Pollution Control Engineering Services ; prepared for Environmental Protection Agency, Office of Water Programs Operations. — Washington, D.C. : The Office ; Denver, Colo. : General Services Administration, Centralized Mailing Lists Services [distributor], 1978.

1 v. (various pagings) : ill. ; 28 cm. — (Technical report (United States. Environmental Protection Agency. Office of Water Program Operations)) "May 1978." "EPA 430/9-77-014." "430/9-77-015"—Cover. "MCD-38." ●Item 473-A-10 (microfiche)

1. Sewage disposal plants — United States — Design and construction. 2. Sewage disposal plants — United States — Costs. I. United States. Environmental Protection Agency. Office of Water Program Operations. II. Dames & Moore. Water Pollution Control Engineering Services. III. Series. OCLC 04241875

## AIR PROGRAMS OFFICE
## Environmental Protection Agency
## Washington, DC 20460

**83-11105**

**EP 4.2:As 7**

Assessment and control of chrysotile asbestos emissions from unpaved roads / Emission Standards and Engineering Division. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Office of Air, Noise, and Radiation, Office of Air Quality Planning and Standards ; Springfield, Va. : National Technical Information Service [distributor, 1981]

1 v. (various pagings) : ill., 1 map ; 28 cm. "May 1981." Includes bibliographical references. "EPA-450/3-81-006." ●Item 483-E-1 (microfiche)

1. Air — Pollution — United States. 2. Asbestos dust. 3. Roads, Earth — Environmental aspects. 4. Chrysotile. I. United States. Environmental Protection Agency. Emission Standards and Engineering Division. OCLC 09277216

**83-11106**

**EP 4.2:R 32/2**

Revised test methods 106 and 107 (proposed November 18, 1980, 45 FR 76346) : summary of comments and responses / Emission Standards and Engineering Division. — Research Triangle Park, N.C. : U.S. Environmental Protection Agency, Office of Air, Noise, and Radiation, Office of Air Quality Planning and Standards ; Springfield, Va. : National Technical Information Service, [distributor, 1982]

iii, 20 p. ; 28 cm. "January 1982." "EPA-450/3-82-002." ●Item 483-E-1 (microfiche)

1. Calibration. 2. Polyvinyl chloride. I. United States. Environmental Protection Agency. Emission Standards and Engineering Division. OCLC 09314448

**83-11107**

**EP 4.8:V 82/2**

Interim guidance for visibility monitoring / Environmental Monitoring Systems Laboratory. — Research Triangle Park, N.C. : U.S. Environmental Protection Agency, Office of Air, Noise, and Radiation, Office of Air Quality Planning and Standards, [1980]

vii, 63 p. : ill. ; 28cm. "November 1980." Includes bibliographical references. "EPA-450/2-80-082." ●Item 482-E-2 (microfiche)

1. Visibility — Measurement. 2. Air — Pollution — United States — Measurement. 3. Meteorological optics — United States. I. Environmental Monitoring Systems Laboratory (Las Vegas, Nev.) OCLC 09262866

**83-11108**

**EP 4.20:Ur 2**

Urea manufacturing industry, technical document / Emission Standards and Engineering Division. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Office of Air, Noise, and Radiation, Office of Air Quality Planning and Standards ; Springfield, Va. : National Technical Information Service [distributor, 1981]

1 v. (various pagings) : ill. ; 28 cm. "January 1981." Includes bibliographical references. "EPA-450/3-81-001." "Contract no. 68-02-3058." ●Item 483-E-10 (microfiche)

1. Urea industry — Environmental aspects — United States. 2. Air — Pollution — United States. I. United States. Environmental Protection Agency. Emission Standards and Engineering Division. OCLC 09273676

## PESTICIDES AND TOXIC SUBSTANCES OFFICE
## Environmental Protection Agency
## Washington, DC 20460

**83-11109**

**EP 5.2:T 73/2**

Assessment of testing needs : 1,1,1-trichloroethane : support document proposed health and environmental effects test rule, Toxic Substances Control Act, Section 4 / Assessment Division, Office of Toxic Substances. — Washington, D.C. : U.S. Environmental Protection Agency, Office of Pesticides and Toxic Substances, 1981.

23 p. ; 28 cm. "May 1981." Bibliography: p. 20-23. "EPA 560/2-81-004." "EPA-560/4-81-004"—Cover ●Item 473-B-1 (microfiche)

1. Trichloroethane — Toxicology. I. United States. Environmental Protection Agency. Office of Toxic Substances. Assessment Division. OCLC 09267694

83-11110

EP 5.8:En 8

Guidelines and support documents for environmental effects testing. — Washington, D.C. : Office of Toxic Substances, Office of Pesticides and Toxic Substances, U.S. Environmental Protection Agency ; [Springfield, Va. : National Technical Information Service, distributor], 1982.

1 v. (loose-leaf) ; 28 cm. Cover title: Environmental effects test guidelines. Includes bibliographies. "EPA 560/6-82-002"—Cover. NTIS: PB82-232992. ●Item 473-B-2 (microfiche)

1. Environmental engineering — United States. 2. Toxicity testing — United States. I. United States. Environmental Protection Agency. Office of Pesticides and Toxic Substances. II. Title: Environmental effects guidelines. OCLC 09164515

83-11111

EP 5.15/2:B 43

Jones, Theodore C.

Preliminary risk assessment, phase I : benzidine, its congeners, and their derivative dyes and pigments / Theodore C. Jones. — Washington, D.C. : U.S. Environmental Protection Agency, Office of Testing and Evaluation, Office of Pesticides and Toxic Substances, 1980.

vi, 55 p. : ill. ; 28 cm. — (TSCA chemical assessment series) "Assessment Division, Office of Pesticides and Toxic Substances." "June 1980"—Cover. Bibliography: p. 48-53. "EPA-560/11-80-019"—Cover. ●Item 473-B-7

1. Benzidine. I. United States. Environmental Protection Agency. Office of Toxic Substances. Assessment Division. II. Title. III. Title: Benzidine, its congeners, and their derivative dyes and pigments. IV. Series. OCLC 09293797

83-11112

EP 5.15/2:C 45/2

Support document health effects test rule : chloromethane / Assessment Division, Office of Toxic Substances. — Washington, D.C. : U.S. Environmental Protection Agency, Office of Pestidices and Toxic Substances, [1980]

83 p. ; 28 cm. — (TSCA chemical assessment series) "June 1980." Bibliography: p. 67-83. "EPA-560/11-80-015." ●Item 473-B-7

1. Chloromethane. 2. Environmental health — United States. I. United States. Environmental Protection Agency. Office of Toxic Substances. Assessment Division. II. Series. OCLC 07364366

83-11113

EP 5.17:N 16

Naphthalene : registration standard / Office of Pesticides and Toxic Substances. — Washington, DC : Environmental Protection Agency, 1981.

52, [45] p. : ill. ; 28 cm. Cover title: Naphthalene: pesticide registration standard. "September 1981"—Cover. "Office of Pesticides and Toxic Substances"—Cover. Bibliography: p. [53-98] ●Item 473-B-12 (microfiche)

1. Naphthalene. 2. Pesticides — Law and legislation — United States. I. United States. Environmental Protection Agency. Office of Pesticides and Toxic Substances. II. Title: Pesticide registration standard. OCLC 09251276

## RADIATION PROGRAMS
## Environmental Protection Agency
## Arlington, VA 22202

83-11114

EP 6.14/2:N 88

Draft regulatory impact analysis, 40 CFR part 191 : environmental standards for management and disposal of spent nuclear fuel, high-level and transuranic radioactive wastes. — Washington, DC : U.S. Environmental Protection Agency, Office of Radiation Programs, [1982]

iii, 84 p. : ill. ; 28 cm. Cover title: Draft regulatory impact analysis for 40 CFR 191: environmental standards for management and disposal of spent nuclear fuel, high-level and transuranic radioactive wastes. "December 1982." Includes bibliographical references. "EPA 520/1-82-024." ●Item 431-K-11

1. Nuclear fuels — United States. 2. Radioactive waste disposal — Environmental aspects — United States. 3. Environmental policy — United States. I. United States. Environmental Protection Agency. Office of Radiation Programs. II. Title: Environmental standards for management and disposal of spent nuclear fuel, high-level and transuranic radioactive wastes. OCLC 09270822

## ENERGY RESEARCH AND DEVELOPMENT ADMINISTRATION
## Washington, DC 20585

83-11115

ER 1.2:T 34

Energy savings through automatic thermostat controls. — Washington, D.C. : Energy Research and Development Administration, Office of Public Affairs ; Federal Energy Administration, [1976?]

1 folded sheet (6 p.) : ill. ; 23 cm. "EDM-1023(1-77)."

1. Energy conservation — United States. 2. Thermostat. I. United States. Energy Research and Development Administration. II. United States. Federal Energy Administration. OCLC 09265573

## FARM CREDIT ADMINISTRATION
## Washington, DC 20578

83-11116

FCA 1.3/2:20

Characteristics of Federal land bank loans. [Washington, D.C. : Farm Credit Administration, Economic Analysis Division, Farm Credit Administration, Washington, D.C., 20578

v. : ill. ; 27 cm. (Statistical bulletin / Farm Credit Administration, Economic Analysis Division ; 20) Title from cover. 1977. Description based on: 1977. Vol. for 1975 issued by the Research Division; vols. for 1977- issued by the Economic Analysis Division. ISSN 0147-4979 Main series: Statistical bulletin (United States. Farm Credit Administration)

1. Federal land banks — Statistics — Periodicals. 2. Government lending — United States — Statistics — Periodicals. I. United States. Farm Credit Administration. Research Division. II. United States. Farm Credit Administration. Economic Analysis Division. III. Title. IV. Series: Statistical bulletin (United States. Farm Credit Administration) ; 20. HG2051.U5A157 77-647126 //r83 332.3/1/0973 OCLC 03181861

## FEDERAL EMERGENCY MANAGEMENT AGENCY
## Washington, DC 20472

**83-11117**

**FEM 1.8:D 63/8**

Federal disaster assistance program : individual and family grant handbook, pursuant to Public Law 93-288. — [Washington, D.C.?] : Federal Emergency Management Agency, 1983.

i, 67, [126] p. : forms ; 28 cm. — (Disaster response and recovery ; DR&R 18) Cover title. "December 1982." "Supersedes HUD handbook 3300.12." ●Item 216-A-7

1. Disaster relief — United States. 2. Disaster assistance — United States — Finance. 3. Grants-in-aid — United States. I. United States. Federal Emergency Management Agency. II. Title: Individual and family grant handbook, pursuant to Public Law 93-288. III. Series. OCLC 09267869

## FEDERAL INSURANCE ADMINISTRATION
## Washington, DC 20410

**83-11118**

**FEM 1.209:040109**

Flood insurance study : town of Oro Valley, Arizona, Pima County. — Rev. 2/1/83. — [Washington, D.C.?] : Federal Emergency Management Agency, Federal Insurance Administration, 1983]

ii, 17 p., 3 folded leaves of plates ; ill., 1 map ; 28 cm. Cover title. "June 1979." Includes bibliographical references. "Community number — 040109." ●Item 594-C-3 (microfiche)

1. Insurance, Flood — Arizona — Pima County. I. United States. Federal Insurance Administration. II. Title: Town of Oro Valley, Arizona, Pima County. OCLC 09285091

**83-11119**

**FEM 1.209:050088**

Flood insurance study : city of Malvern, Arkansas, Hot Spring County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 15 p., 10 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "September 2, 1982." Includes bibliographical references. "Community number - 050088." ●Item 594-C-02 (microfiche)

1. Insurance, Flood — Arkansas — Hot Spring County. I. United States. Federal Emergency Management Agency. II. Title: City of Malvern, Arkansas, Hot Spring County. OCLC 09263403

**83-11120**

**FEM 1.209:060054**

Flood insurance study : city of Sanger, California, Fresno County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 13 p. : ill., 1 map ; 28 cm. Cover title. "August 2, 1982." Includes bibliographical references. "Community number — 060054." ●Item 594-C-5 (microfiche)

1. Insurance, Flood — California — Fresno County. I. United States. Federal Emergency Management Agency. II. Title: City of Sanger, California, Fresno County. OCLC 09306822

**83-11121**

**FEM 1.209:060299/2**

Flood insurance study : San Joaquin County, California, unincorporated areas. — Rev. 2/1/83. — [Washington, D.C.?] : Federal Emergency Management Agency, 1982.

iii, 113 p., 108 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "November 1979." Includes bibliographical references. "Community number - 060299." ●Item 594-C-5 (microfiche)

1. Insurance, Flood — California — San Joaquin County. I. United States. Federal Emergency Management Agency. II. Title: San Joaquin County, California, unincorporated areas. OCLC 09269814

**83-11122**

**FEM 1.209:060422**

Flood insurance study : city of Thousand Oaks, California, Ventura County. — Rev. 1/3/83. — [Washington, D.C.?] : Federal Emergency Management Agency, [1983]

ii, 10 p., 5 folded leaves of plates ; ill., 1 map ; 28 cm. Cover title. "March 1978." Includes bibliographical references. "Community number — 060422." ●Item 594-C-5 (microfiche)

1. Insurance, Flood — California — Ventura County. I. United States. Federal Emergency Management Agency. II. Title: City of Thousand Oaks, California, Ventura County. OCLC 09242842

**83-11123**

**FEM 1.209:080051/2**

Flood insurance study : Eagle County, Colorado, unincorporated area. — Rev. 1/25/83. — [Washington, D.C.?] : Federal Emergency Management Agency, [1983]

ii, 27 p., 46 folded leaves of plates ; ill., 1 map ; 28 cm. Cover title. "May 1980." Includes bibliographical references. "Community number - 080051." ●Item 594-C-06 (microfiche)

1. Insurance, Flood — Colorado — Eagle County. I. United States. Federal Emergency Management Agency. II. Title: Eagle County, Colorado, unincorporated area. OCLC 09277670

**83-11124**

**FEM 1.209:105083**

Analysis of wave heights for town of Bethany Beach, Sussex County, Delaware. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 12 p. : ill., 1 map ; 28 cm. Cover title: Flood insurance study: wave height analysis, town of Bethany Beach, Delaware, Sussex County. "August 2, 1982." Includes bibliographical references. "Community number - 105083." ●Item 594-C-08 (microfiche)

1. Insurance, Flood — Delaware — Sussex County. I. United States. Federal Emergency Management Agency. II. Title: Flood insurance study: wave height analysis, town of Bethany Beach, Delaware, Sussex County. III. Title: Town of Bethany Beach, Delaware, Sussex County. OCLC 09319036

**83-11125**

**FEM 1.209:105084**

Analysis of wave heights for town of Fenwick Island, Sussex County, Delaware. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 11 p. : ill., 1 map ; 28 cm. Cover title: Flood insurance study: wave height analysis, town of Fenwick Island, Delaware, Sussex County. "August 2, 1982." Includes bibliographical references. "Community number - 105084." ●Item 594-C-8 (microfiche)

1. Insurance, Flood — Delaware — Sussex County. I. United States. Federal Emergency Management Agency. II. Title: Flood insurance study: wave height analysis, town of Fenwick Island, Delaware, Sussex County. III. Title: Town of Fenwick Island, Delaware, Sussex County. OCLC 09311216

83-11126

FEM 1.209:105086

Analysis of wave heights for city of Rehoboth Beach, Sussex County, Delaware. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 14 p. : ill., 1 map ; 28 cm. Cover title: Flood insurance study, wave height analysis, city of Rehoboth Beach, Delaware, Sussex County. "August 2, 1982"—Cover. Includes bibliographical references. "Community number — 105086"—Cover. ●Item 594-C-8 (microfiche)

1. Insurance, Flood — Delaware — Sussex County. I. United States. Federal Emergency Management Agency. II. Title: Flood insurance study, wave height analysis, city of Rehoboth Beach, Delaware, Sussex County. III. Title: City of Rehoboth Beach, Sussex County, Delaware. OCLC 09263229

83-11127

FEM 1.209:120261

Flood insurance study : Polk County, Florida, unincorporated areas. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

iii, 51 p., 37 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "August 2, 1982." Includes bibliographical references. "Community number — 120261." ●Item 594-C-09 (microfiche)

1. Insurance, Flood — Florida — Polk County. I. United States. Federal Emergency Management Agency. II. Title: Polk County, Florida, unincorporated areas. OCLC 09315027

83-11128

FEM 1.209:125113

Analysis of wave heights for city of Hollywood, Broward County, Florida. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 14 p. : ill., 1 map ; 28 cm. Cover title: Flood insurance study, wave height analysis, city of Hollywood, Florida, Broward County. "August 2, 1982"—Cover. Includes bibliographical references. "Community number - 125113"—Cover. ●Item 594-C-09 (microfiche)

1. Insurance, Flood — Florida — Broward County. I. United States. Federal Emergency Management Agency. II. Title: Flood insurance study, wave height analysis, city of Hollywood, Florida, Broward County. III. Title: City of Hollywood, Florida, Broward County. OCLC 09270870

83-11129

FEM 1.209:150001/add.

Flood insurance study : city and county of Honolulu, Hawaii : (addendum). — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 21 p., [10] folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 6, 1982." Plates are numbered 80P-89P. Includes bibliographical references. "Community number - 150001." ●Item 594-C-11 (microfiche)

1. Insurance, Flood — Hawaii — Honolulu. I. United States. Federal Emergency Management Agency. II. Title: City and county of Honolulu, Hawaii, (addendum). OCLC 09269768

83-11130

FEM 1.209:170722

Flood insurance study : city of Loves Park, Illinois, Winnebago County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1983]

ii, 24 p., 10 folded leaves of plates ; ill., 1 map ; 28 cm. Cover title. "January 1983." Includes bibliographical references. "Community number - 170722." ●Item 594-C-13 (microfiche)

1. Insurance, Flood — Illinois — Winnebago County. I. United States. Federal Emergency Management Agency. II. Title: City of Loves Park, Illinois, Winnebago County. OCLC 09285807

83-11131

FEM 1.209:170912

Flood insurance study : county of Sangamon, Illinois, unincorporated areas. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

iii, 40 p., 42 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 6, 1982." Includes bibliographical references. "Community number — 170912." ●Item 594-C-13 (microfiche)

1. Insurance, Flood — Illinois — Sangamon County. I. United States Federal Emergency Management Agency. II. Title: County of Sangamon, Illinois, unincorporated areas. OCLC 09270068

83-11132

FEM 1.209:210090

Flood insurance study : city of Russell, Kentucky, Greenup County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 16 p., 3 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number - 210090." ●Item 594-C-17 (microfiche)

1. Insurance, Flood — Kentucky — Greenup County. I. United States. Federal Emergency Management Agency. II. Title: City of Russell, Kentucky, Greenup County. OCLC 09269783

83-11133

FEM 1.209:210284

Flood insurance study : Greenup County, Kentucky, unincorporated areas. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 23 p., 27 folded leaves pf plates : ill., 1 map ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number - 210284." ●Item 594-C-17 (microfiche)

1. Insurance, Flood — Kentucky — Greenup County. I. United States. Federal Emergency Management Agency. II. Title: Greenup County, Kentucky, unincorporated areas. OCLC 09262833

83-11134

FEM 1.209:220164/2

Analysis of wave heights for unincorporated areas of St. John the Baptist Parish, Louisiana. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

i, 10 p. : ill., 1 map ; 28 cm. Cover title: Flood insurance study, wave height analysis, St. John the Baptist Parish, Louisiana, unincorporated areas. "August 2, 1982"—Cover. Includes bibliographical references. "Community number — 220164"—Cover. ●Item 594-C-18 (microfiche)

1. Insurance, Flood — Louisiana — Saint John the Baptist Parish. I. United States. Federal Emergency Management Agency. II. Title: Flood insurance study, wave height analysis. III. Title: St. John the Baptist Parish, Louisiana, unincorporated areas. OCLC 09251013

83-11135

FEM 1.209:220206

Flood insurance study : wave height analysis : Tangipahoa parish, Louisiana, unincorporated areas. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

iii, 29 p., 23 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "August 2, 1982." Includes bibliographical ref-

erences. "Community number — 220206." ●Item 594-C-18 (microfiche)

1. Insurance, Flood — Louisiana — Tangipahoa Parish. I. United States. Federal Emergency Management Agency. II. Title: Wave height analysis, Tangipahoa Parish, Louisiana, unincorporated areas. III. Title: Tangipahoa Parish, Louisiana, unincorporated areas. OCLC 09263269

**83-11136**

**FEM 1.209:240007**

Flood insurance study : city of Westernport, Maryland, Allegany County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1983]

ii, 16 p., 7 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "January 1983." Includes bibliographical references. "Community number — 240007." ●Item 594-C-20 (microfiche)

1. Insurance, Flood — Maryland — Allegany County. I. United States. Federal Emergency Management Agency. II. Title: City of Westernport, Maryland, Allegany County. OCLC 09250979

**83-11137**

**FEM 1.209:240095**

Flood insurance study : town of Betterton, Maryland, Kent County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 15 p. : ill., maps ; 28 cm. Cover title. "August 2, 1982." Includes bibliographical references. "Community number - 240095." ●Item 594-C-20 (microfiche)

1. Insurance, Flood — Maryland — Kent County. I. United States. Federal Emergency Management Agency. II. Title: City of Betterton, Maryland, Kent County. OCLC 09292854

**83-11138**

**FEM 1.209:250085**

Flood insurance study : city of Haverhill, Massachusetts, Essex County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 24 p., 13 folded leaves of plates ; ill., 1 map ; 28 cm. Cover title. "August 16, 1982." Includes bibliographical references. "Community number - 250085." ●Item 594-C-21 (microfiche)

1. Insurance, Flood — Massachusetts — Essex County. I. United States. Federal Emergency Management Agency. II. Title: City of Haverhill, Massachusetts, Essex County. OCLC 09277798

**83-11139**

**FEM 1.209:250232**

Flood insurance study : town of Bellingham, Massachusetts, Norfolk County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 22 p., 20 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "June 15, 1982." Includes bibliographical references. "Community number - 250232." ●Item 594-C-21 (microfiche)

1. Insurance, Flood — Massachusetts — Norfolk County. I. United States. Federal Emergency Management Agency. II. Title: Town of Bellingham, Massachusetts, Norfolk County. OCLC 09263772

**83-11140**

**FEM 1.209:250266**

Flood insurance study : town of Hanover, Massachusetts, Plymouth County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 20 p., 13 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "June 15, 1982." Includes bibliographical references. "Community number - 250266." ●Item 594-C-21 (microfiche)

1. Insurance, Flood — Massachusetts — Plymouth County. I. United States. Federal Emergency Management Agency. II. Title: Town of Hanover, Massachusetts, Plymouth County. OCLC 09263479

**83-11141**

**FEM 1.209:260112**

Flood insurance study : city of Lapeer, Michigan, Lapeer County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1983]

ii, 17 p., 7 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "January 1983." Includes bibliographical references. "Community number — 260112." ●Item 594-C-22 (microfiche)

1. Insurance, Flood — Michigan — Lapeer County. I. United States. Federal Emergency Management Agency. II. Title: City of Lapeer, Michigan, Lapeer County. OCLC 08999782

**83-11142**

**FEM 1.209:260113**

Flood insurance study : township of Elmwood, Michigan, Leelanau County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 14 p. : 1 map ; 28 cm. Cover title. "August 2, 1982." Includes bibliographical references. "Community number — 260113." ●Item 594-C-22 (microfiche)

1. Insurance, Flood — Michigan — Leelanau County. I. United States. Federal Emergency Management Agency. II. Title: Township of Elmwood, Michigan, Leelanau County. OCLC 08999726

**83-11143**

**FEM 1.209:260603**

Flood insurance study : township of Thomas, Michigan, Saginaw County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 17 p., 6 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number - 260603." ●Item 594-C-22 (microfiche)

1. Insurance, Flood — Michigan — Saginaw County. I. United States. Federal Emergency Management Agency. II. Title: Township of Thomas, Michigan, Saginaw County. OCLC 08999748

**83-11144**

**FEM 1.209:270167**

Flood insurance study : city of Independence, Minnesota, Hennepin County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

20 p., 8 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 6, 1982." Includes bibliographical references. "Community number - 270167." ●Item 594-C-23 (microfiche)

1. Insurance, Flood — Minnesota — Hennepin County. I. United States. Federal Emergency Management Agency. II. Title: City of Independence, Minnesota, Hennepin County. OCLC 09257964

**83-11145**

**FEM 1.209:270362**

Flood insurance study : city of Beltrami, Minnesota, Polk County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 14 p., 1 folded leaf of plates : ill., 1 map ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number - 270362." ●Item 594-C-23 (microfiche)

1. Insurance, Flood — Minnesota — Polk County. I. United States. Federal Emergency Management Agency. II. Title: City of Beltrami, Minnesota, Polk County. OCLC 09246800

**83-11146**

**FEM 1.209:280299**

Flood insurance study : city of Richland, Mississippi, Rankin County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 18 p., 11 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "August 2, 1982." Includes bibliographical references. "Community number — 280299." ●Item 594-C-24 (microfiche)

1. Insurance, Flood — Mississippi — Rankin County. I. United States. Federal Emergency Management Agency. II. Title: City of Richland, Mississippi, Rankin County. OCLC 09292836

**83-11147**

**FEM 1.209:290163**

Flood insurance study : city of Fayette, Missouri, Howard County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 14 p., 3 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number - 290163." ●Item 594-C-25 (microfiche)

1. Insurance, Flood — Missouri — Howard County. I. United States. Federal Emergency Management Agency. II. Title: City of Fayette, Missouri, Howard County. OCLC 09263441

**83-11148**

**FEM 1.209:290309**

Flood insurance study : city of Orrick, Missouri, Ray County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 11 p., 2 folded leaves of plates : 1 map ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number — 290309." ●Item 594-C-25 (microfiche)

1. Insurance, Flood — Missouri — Ray County. I. United States Federal Emergency Management Agency. II. Title: City of Orrick, Missouri, Ray County. OCLC 09250956

**83-11149**

**FEM 1.209:290444**

Flood insurance study : city of Marthasville, Missouri, Warren County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 13 p., 2 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "May 17, 1982." Includes bibliographical references. "Community number - 290444." ●Item 594-C-25 (microfiche)

1. Insurance, Flood — Missouri — Warren County. I. United States Federal Emergency Management Agency. II. Title: City of Marthasville, Missouri, Warren County. OCLC 09270300

**83-11150**

**FEM 1.209:290778**

Flood insurance study : County of Ray, Missouri, unincorporated areas. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

iii, 26 p., 26 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number - 290778." ●Item 594-C-25 (microfiche)

1. Insurance, Flood — Missouri — Ray County. I. United States. Federal Emergency Management Agency. II. Title: County of Ray, Missouri, unincorporated areas. OCLC 09293133

**83-11151**

**FEM 1.209:300086**

Flood insurance study : city of Laurel, Montana, Yellowstone County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 25 p., 13 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 6, 1982." Includes bibliographical references. "Community number - 300086." ●Item 594-C-25 (microfiche)

1. Insurance, Flood — Montana — Yellowstone County. I. United States. Federal Emergency Management Agency. II. Title: City of Laurel, Montana, Yellowstone County. OCLC 09258131

**83-11152**

**FEM 1.209:350056**

Flood insurance study : town of Bernalillo, New Mexico, Sandoval County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 16 p., 2 folded leaves pf plates : ill., 1 map ; 28 cm. Cover title. "July 6, 1982." Includes bibliographical references. "Community number — 350056." ●Item 594-C-31 (microfiche)

1. Insurance, Flood — New Mexico — Sandoval County. I. United States. Federal Emergency Management Agency. II. Title: Town of Bernalillo, New Mexico, Sandoval County. OCLC 09263217

**83-11153**

**FEM 1.209:350094**

Flood insurance study : village of Corrales, New Mexico, Bernalillo and Sandoval Counties. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 20 p., 7 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 6, 1982." Includes bibliographical references. "Community number - 350094." ●Item 594-C-31 (microfiche)

1. Insurance, Flood — New Mexico — Bernalillo County. 2. Insurance, Flood — New Mexico — Sandoval County. I. United States. Federal Emergency Management Agency. II. Title: Village of Corrales, New Mexico, Bernalillo and Sandoval Counties. OCLC 09263633

**83-11154**

**FEM 1.209:350135**

Flood insurance study : village of Tijeras, New Mexico, Bernalillo County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 16 p., 6 folded leaves of plates ; ill., 1 map ; 28 cm. Cover title. "July 6, 1982." Includes bibliographical references. "Community number — 350135." ●Item 594-C-31 (microfiche)

1. Insurance, Flood — New Mexico — Bernalillo County. I. United States. Federal Emergency Management Agency. II. Title: Village of Tijeras, New Mexico, Bernalillo County. OCLC 09242859

**83-11155**

**FEM 1.209:360010**

Flood insurance study : town of Guilderland, New York, Albany County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 18 p., 16 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 6, 1982." Includes bibliographical refer-

ences. "Community number — 360010." ●Item 594-C-32 (microfiche)

1. Insurance, Flood — New York (State) — Albany County. I. United States Federal Emergency Management Agency. II. Title: Town of Guilderland, New York, Albany County. OCLC 09250924

**83-11156**

**FEM 1.209:360293**

Flood insurance study : village of Hunter, New York, Greene County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 13 p., 1 folded leaf of plates : ill., 1 map ; 28 cm. Cover title. "June 1, 1982." Includes bibliographical references. "Community number - 360293." ●Item 594-C-32 (microfiche)

1. Insurance, Flood — New York (State) — Greene County. I. United States. Federal Emergency Management Agency. II. Title: Village of Hunter, New York, Greene County. OCLC 09263531

**83-11157**

**FEM 1.209:360447**

Flood insurance study : village of Fort Johnson, New York, Montgomery County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 17 p., 4 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number - 360447." ●Item 594-C-32 (microfiche)

1. Insurance, Flood — New York (State) — Montgomery County. I. United States. Federal Emergency Management Agency. II. Title: Village of Fort Johnson, New York, Montgomery County. OCLC 09252159

**83-11158**

**FEM 1.209:360468**

Flood insurance study : village of Hewlett Bay Park, New York, Nassau County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 16 p. : ill., maps ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number — 360468." ●Item 594-C-32 (microfiche)

1. Insurance, Flood — New York (State) — Nassau County. I. United States. Federal Emergency Management Agency. II. Title: Village of Hewlett Bay Park, New York, Nassau County. OCLC 09263248

**83-11159**

**FEM 1.209:360472**

Flood insurance study : village of Kensington, New York, Nassau County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 16 p. : ill., maps ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number - 360472." ●Item 594-C-32 (microfiche)

1. Insurance, Flood — New York (State) — Nassau County. I. United States Federal Emergency Management Agency. II. Title: Village of Kensington, New York, Nassau County. OCLC 09259217

**83-11160**

**FEM 1.209:360480**

Flood insurance study : village of Massapequa Park, New York, Nassau County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 15 p. : ill., 1 map ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number - 360480." ●Item 594-C-08 (microfiche)

1. Insurance, Flood — New York (State) — Nassau County. I. United States Federal Emergency Management Agency. II. Title: Village of Massapequa Park, New York, Nassau County. OCLC 09257962

**83-11161**

**FEM 1.209:360619**

Flood insurance study : city of Middletown, New York, Orange County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 15 p., 1 folded leaf of plates : ill., 1 map ; 28 cm. Cover title. "September 2, 1982." Includes bibliographical references. "Community number - 360619." ●Item 594-C-32 (microfiche)

1. Insurance, Flood — New York (State) — Orange County. I. United States. Federal Emergency Management Agency. II. Title: City of Middletown, New York, Orange County. OCLC 09252007

**83-11162**

**FEM 1.209:360768/2**

Flood insurance study : town of Campbell, New York, Steuben County. — Rev. June 1982. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 25 p., 19 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. Includes bibliographical references. "Community number - 360768." ●Item 594-C-35 (microfiche)

1. Insurance, Flood — New York (State) — Steuben County. I. United States. Federal Emergency Management Agency. II. Title: Town of Campbell, New York, Steuben County. OCLC 09242568

**83-11163**

**FEM 1.209:360809**

Analysis of wave heights for town of Shetler (sic) Island, Suffolk County, New York. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982?]

ii, 12 p. : 1 map ; 28 cm. Cover title: Flood insurance study, wave height analysis, town of Shelter Island, New York, Suffolk County. "June 19, 1982"—Cover. Includes bibliographical references. "Community number - 360809"—Cover. ●Item 594-C-32 (microfiche)

1. Insurance, Flood — New York (State) — Suffolk County. I. United States. Federal Emergency Management Agency. II. Title: Flood insurance study, wave height analysis. III. Title: Town of Shelter Island, New York, Suffolk County. OCLC 09258012

**83-11164**

**FEM 1.209:361292**

Flood insurance study : town of Madison, New York, Madison County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 14 p., 7 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number - 361292." ●Item 594-C-32 (microfiche)

1. Insurance, Flood — New York (State) — Madison County. I. United States. Federal Emergency Management Agency. II. Title: Town of Madison, New York, Madison County. OCLC 09263746

**83-11165**

**FEM 1.209:361314**

Flood insurance study : town of Chatham, New York, Columbia County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 14 p., 10 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "June 15, 1982." Includes bibliographical references. "Community number — 361314." ●Item 594-C-32 (microfiche)

1. Insurance, Flood — New York (State) — Columbia County. I. United States Federal Emergency Management Agency. II. Title: Town of Chatham, New York, Columbia County. OCLC 09251091

**83-11166**

**FEM 1.209:361322**

Flood insurance study : town of Stockport, New York, Columbia County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 16 p., 20 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number - 361322." ●Item 594-C-32 (microfiche)

1. Insurance, Flood — New York (State) — Columbia County. I. United States. Federal Emergency Management Agency. OCLC 09310904

**83-11167**

**FEM 1.209:361354**

Flood insurance study : village of Oriskany Falls, New York, Oneida County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 13 p., 4 folded leaves of plates ; ill., 1 map ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number — 361354." ●Item 594-C-32 (microfiche)

1. Insurance, Flood — New York (State) — Oneida County. I. United States. Federal Emergency Management Agency. II. Title: Village of Oriskany Falls, New York, Oneida County. OCLC 09242873

**83-11168**

**FEM 1.209:361506**

Analysis of wave heights for village of Shoreham, Suffolk County, New York / prepared by Michael Baker, Jr., Inc. for Federal Emergency Management Agency. — [Washington, D.C.?] : The Agency, [1983]

iii, 11 p. : ill., 1 map ; 28 cm. Cover title: Flood insurance study, wave height analysis, village of Shoreham, New York, Suffolk County. "March 1983"—Cover. Includes bibliographical references. "Community number - 361506"—Cover. ●Item 594-C-32 (microfiche)

1. Insurance, Flood — New York (State) — Suffolk County. I. Michael Baker Jr., Inc. II. United States. Federal Emergency Management Agency. III. Title: Village of Shoreham, Suffolk County, New York. IV. Title: Flood insurance study, wave height analysis, village of Shoreham, New York, Suffolk County. OCLC 09262161

**83-11169**

**FEM 1.209:361552**

Flood insurance study : village of Tully, New York, Onondaga County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 13 p., 4 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number - 361552." ●Item 594-C-32 (microfiche)

1. Insurance, Flood — New York (State) — Onondaga County. I. United States. Federal Emergency Management Agency. II. Title: Village of Tully, New York, Onondaga County. OCLC 09252203

**83-11170**

**FEM 1.209:365341**

Analysis of wave heights for village of Saltaire, Suffolk County, New York. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 11 p. : 1 map ; 28 cm. Cover title: Flood insurance study, wave height analysis, village of Saltaire, New York, Suffolk County. "June 19, 1982"—Cover. Includes bibliographical references. "Community number - 365341"—Cover. ●Item 594-C-32 (microfiche)

1. Insurance, Flood — New York (State) — Suffolk County. I. United States. Federal Emergency Management Agency. II. Title: Flood insurance study, wave height analysis. III. Title: Village of Saltaire, New York, Suffolk County. OCLC 09262598

**83-11171**

**FEM 1.209:365343**

Analysis of wave heights for village of Southampton, Suffolk County, New York. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 11 p. : 1 map ; 28 cm. Cover title: Flood insurance study, wave height analysis, village of Southampton, New York, Suffolk County. "August 2, 1982"—Cover. Includes bibliographical references. "Community number — 365343"—Cover. ●Item 594-C-32 (microfiche)

1. Insurance, Flood — New York (State) — Suffolk County. I. United States. Federal Emergency Management Agency. II. Title: Flood insurance study, wave height analysis. III. Title: Village of Southampton, New York, Suffolk County. OCLC 09251054

**83-11172**

**FEM 1.209:370124**

Flood insurance study : town of Waynesville, North Carolina, Haywood County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 22 p., 13 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 6, 1982." Includes bibliographical references. "Community number - 370124." ●Item 594-C-33 (microfiche)

1. Insurance, Flood — North Carolina — Haywood County. I. United States. Federal Emergency Management Agency. II. Title: Town of Waynesville, North Carolina, Haywood County. OCLC 09258075

**83-11173**

**FEM 1.209:370236**

Flood insurance study : city of Monroe, North Carolina, Union County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 25 p., 23 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number - 370236." ●Item 594-C-33 (microfiche)

1. Insurance, Flood — North Carolina — Union County. I. United States. Federal Emergency Management Agency. II. Title: City of Monroe, North Carolina, Union County. OCLC 09258167

**83-11174**

**FEM 1.209:370372**

Flood insurance study : Pitt County, North Carolina, unincorporated areas. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 27 p., 16 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number - 370372." ●Item 594-C-33 (microfiche)

1. Insurance, Flood — North Carolina — Pitt County. I. United States. Federal Emergency Management Agency. II. Title: Pitt County, North Carolina, unincorporated areas. OCLC 09252280

**83-11175**

**FEM 1.209:390336**

Flood insurance study : village of Pataskala, Ohio, Licking County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 13 p., 5 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "August 2, 1982." Includes bibliographical references. "Community number - 390336." ●Item 594-C-35 (microfiche)

1. Insurance, Flood — Ohio — Licking County. I. United States. Federal Emergency Management Agency. II. Title: Village of Patskala, Ohio, Licking County. OCLC 09252050

**83-11176**

**FEM 1.209:390413/2**

Flood insurance study, city of Miamisburg, Ohio, Montgomery County. — [Washington, D.C.?] : Federal Emergency Management Agency, , [1983]

ii, 14 p., 3 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "January 1983." Includes bibliographical references. "Community number - 390413." ●Item 594-C-35 (microfiche)

1. Insurance, Flood — Ohio — Montgomery County. I. United States. Federal Emergency Management Agency. II. Title: City of Miamisburg, Ohio, Montgomery County. OCLC 09297781

**83-11177**

**FEM 1.209:390520**

Flood insurance study : village of Navarre, Ohio, Stark County. — [Washington, D.C.?] : Federal Emergency Management Agency, 1982.

ii, 15 p., 1 folded leaf of plates : ill., 1 map ; 28 cm. Cover title. "January 5, 1982." Includes bibliographical references. "Community number — 390520." ●Item 594-C-38 (microfiche)

1. Insurance, Flood — Ohio — Stark County. I. United States. Federal Emergency Management Agency. II. Title: Village of Navarre, Ohio, Stark County. OCLC 09319965

**83-11178**

**FEM 1.209:400245**

Flood insurance study : city of Lindsay, Oklahoma, Garvin County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 13 p., 2 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 6, 1982." Includes bibliographical references. "Community number - 400245." ●Item 594-C-36 (microfiche)

1. Insurance, Flood — Oklahoma — Garvin County. I. United States Federal Emergency Management Agency. II. Title: City of Lindsay, Oklahoma, Garvin County. OCLC 09270274

**83-11179**

**FEM 1.209:410107**

Flood insurance study : city of Cave Junction, Oregon, Josephine County. — [Washington, D.C.?] : Federal Emergency Management Agency, 1982.

ii, 15 p., 1 folded leaf of plates : ill., 1 map ; 28 cm. Cover title. "December 1, 1981." Includes bibliographical references. "Community number — 410107." ●Item 594-C-40 (microfiche)

1. Insurance, Flood — Oregon — Josephine County. I. United States. Federal Emergency Management Agency. II. Title: City of Cave Junction, Oregon, Josephine County. OCLC 09319478

**83-11180**

**FEM 1.209:420429**

Flood insurance study : township of Ridley, Pennsylvania, Delaware County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

iii, 23 p., 10 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 6, 1982." Includes bibliographical references. "Community number — 420429." ●Item 594-C-38 (microfiche)

1. Insurance, Flood — Pennsylvania — Delaware County. I. United States Federal Emergency Management Agency. II. Title: Township of Ridley, Pennsylvania, Delaware County. OCLC 09250893

**83-11181**

**FEM 1.209:422220**

Flood insurance study : township of Franklin, Pennsylvania, York County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 20 p., 10 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number - 422220." ●Item 594-C-38 (microfiche)

1. Insurance, Flood — Pennsylvania — York County. I. United States. Federal Emergency Management Agency. II. Title: Township of Franklin, Pennsylvania, York County. OCLC 09252239

**83-11182**

**FEM 1.209:445404**

Flood insurance study : town of North Kingstown, Rhode Island, Washington County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

iii, 29 p., 18 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "August 16, 1982." Includes bibliographical references. "Community number - 445404." ●Item 594-C-34 (microfiche)

1. Insurance, Flood — Rhode Island — Washington County. I. United States. Federal Emergency Management Agency. II. Title: Town of Kingston, Rhode Island, Washington County. OCLC 09310774

**83-11183**

**FEM 1.209:450111**

Analysis of wave heights for town of Surfside Beach, Horry County, South Carolina. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 10 p. : ill., 1 map ; 28 cm. Cover title: Flood insurance study, wave height analysis, town of Surfside Beach, South Carolina, Horry County. "September 2, 1982"—Cover. Includes bibliographical references. "Community number - 450111"—Cover. ●Item 594-C-40 (microfiche)

1. Insurance, Flood — South Carolina — Horry County. I. United States. Federal Emergency Management Agency. II. Title: Flood insurance study, wave height analysis. III. Title: Town of Surfside Beach, South Carolina, Horry County. OCLC 09262655

**83-11184**

**FEM 1.209:450120**

Flood insurance study : Lancaster County, South Carolina, unincorporated areas. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

iii, 27 p., 43 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 6, 1982." Includes bibliographical references. "Community number - 450120." ●Item 594-C-40 (microfiche)

1. Insurance, Flood — South Carolina — Lancaster County. I. United States Federal Emergency Management Agency.

II. Title: Lancaster County, South Carolina, unincorporated areas. OCLC 09252106

**83-11185**

**FEM 1.209:450222**

Analysis of wave heights for town of Atlantic Beach, Horry County, South Carolina. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 9 p. : ill., 1 map ; 28 cm. Cover title: Flood insurance study, wave height analysis, town of Atlantic Beach, South Carolina, Horry County. "September 2, 1982"—Cover. Includes bibliographical references. "Community number - 450222"—Cover. ●Item 594-C-40 (microfiche)

1. Insurance, Flood — South Carolina — Horry County. I. United States. Federal Emergency Management Agency. II. Title: Flood insurance study, wave height analysis. III. Title: Town of Atlantic Beach, South Carolina, Horry County. OCLC 09270166

**83-11186**

**FEM 1.209:470060**

Flood insurance study : town of Milan, Tennessee, Gibson County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 14 p., 2 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "August 16, 1982." Includes bibliographical references. "Community number-470060." ●Item 594-C-42 (microfiche)

1. Insurance, Flood — Tennessee — Gibson County. I. United States Federal Emergency Management Agency. II. Title: Town of Milan, Tennessee, Gibson County. OCLC 09257254

**83-11187**

**FEM 1.209:470208**

Flood insurance study : city of Lebanon, Tennessee, Wilson County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 15 p., 3 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 6, 1982." Includes bibliographical references. "Community number - 470208." ●Item 594-C-42 (microfiche)

1. Insurance, Flood — Tennessee — Wilson County. I. United States. Federal Emergency Management Agency. II. Title: City of Lebanon, Tennessee, Wilson County. OCLC 09259304

**83-11188**

**FEM 1.209:480034**

Flood insurance study : city of Temple, Texas, Bell County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 43 p., 45 folded leaves pf plates : ill., 1 map ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number — 480034." ●Item 594-C-43 (microfiche)

1. Insurance, Flood — Texas — Bell County. I. United States. Federal Emergency Management Agency. II. Title: City of Temple, Texas, Bell County. OCLC 09263282

**83-11189**

**FEM 1.209:480121**

Flood insurance study, wave height analysis : city of Beach City, Texas, Chambers County. — [Washinngton, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 22 p. : ill., 1 map ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number - 480121." ●Item 594-C-43 (microfiche)

1. Insurance, Flood — Texas — Chambers County. I. United States. Federal Emergency Management Agency. II. Title: City of Beach City, Texas, Chambers County. OCLC 09262144

**83-11190**

**FEM 1.209:480293**

Flood insurance study : city of Galena Park, Texas, Harris County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982].

ii, 20 p., 2 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "September 2, 1982." Includes bibliographical references. "Community number - 480293." ●Item 594-C-43 (microfiche)

1. Insurance, Flood — Texas — Harris County. I. United States. Federal Emergency Management Agency. II. Title: City of Galena Park, Texas, Harris County. OCLC 09292810

**83-11191**

**FEM 1.209:480510**

Flood insurance study : Orange County, Texas, unincorporated areas. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

iii, 41 p., 19 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 6, 1982." Includes bibliographical references. "Community number - 480510." ●Item 594-C-43 (microfiche)

1. Insurance, Flood — Texas — Orange County. I. United States Federal Emergency Management Agency. II. Title: Orange County, Texas, unincorporated areas. OCLC 09276802

**83-11192**

**FEM 1.209:480515**

Flood insurance study : wave height analysis, city of West Orange, Texas, Orange County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 28 p. : ill., maps ; 28 cm. Cover title. "July 6, 1982." Includes bibliographical references. "Community number — 480515." ●Item 594-C-43 (microfiche)

1. Insurance, Flood — Texas — Orange County. I. United States. Federal Emergency Management Agency. II. Title: City of West Orange, Texas, Orange County. OCLC 09319856

**83-11193**

**FEM 1.209:485475**

Flood insurance study : city of Groves, Texas, Jefferson County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 16 p. : 1 map ; 28 cm. Cover title. "July 6, 1982." Includes bibliographical references. "Community number - 485475." ●Item 594-C-43 (microfiche)

1. Insurance, Flood — Texas — Jefferson County. I. United States. Federal Emergency Management Agency. II. Title: City of Groves, Texas, Jefferson County. OCLC 09259048

**83-11194**

**FEM 1.209:510105**

Analysis of wave heights for unincorporated areas of Northampton County, Virginia. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 12 p. : ill., 1 map ; 28 cm. Cover title: Flood insurance study, wave height analysis, Northampton County, Virginia (unincorporated areas). "August 2, 1982"—Cover. Includes bibliographical references. "Community number - 510105"—Cover. ●Item 594-C-46 (microfiche)

1. Insurance, Flood — Virginia — Northampton County. I. United States. Federal Emergency Management Agency. II. Title: Flood insurance study, wave height analysis, Northampton County, Virginia (unincorporated areas). III. Title: Northampton County, Virginia (unincorporated areas). OCLC 09269671

83-11195

FEM 1.209:530188

Flood insurance study : Thurston County, Washington, unincorporated areas. — [Washington, D.C.?] : Federal Emergency Management Agency, 1982.

ii, 63 p., 67 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "June 1, 1982." Includes bibliographical references. "Community number - 530188." ●Item 594-C-47 (microfiche)

1. Insurance, Flood — Washington (State) — Thurston County. I. United States. Federal Emergency Management Agency. II. Title: Thurston County, Washington, unincorporated areas. OCLC 09242509

83-11196

FEM 1.209:530223

Flood insurance study: town of Naches, Washington, Yakima County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 15 p., 1 folded leaf of plates : ill., 1 map ; 28 cm. Cover title. "July 19, 1982." Includes bibliographical references. "Community number - 530223." ●Item 594-C-47 (microfiche)

1. Insurance, Flood — Washington (State) — Yakima County. I. United States Federal Emergency Management Agency. II. Title: Town of Naches, Washington, Yakima County. OCLC 09246567

83-11197

FEM 1.209:550294

Flood insurance study: County of Oconto, Wisconsin, unincorporated areas. — [Washington, D.C.?] : Federal Emergency Management Agency, [1982]

ii, 36 p., 68 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "July 6, 1982." Includes bibliographical references. "Community number - 550294." ●Item 594-C-49 (microfiche)

1. Insurance, Flood — Wisconsin — Oconto County. I. United States. Federal Emergency Management Agency. II. Title: County of Oconto, Wisconsin, unincorporated areas. OCLC 09318750

## FEDERAL HOME LOAN BANK BOARD
## Washington, DC 20552

83-11198

FHL 1.2:F 31/5

Take a close look at the career opportunities with the Federal Home Loan Bank Board. — [Washington, D.C.] : The Board, 1982.

16 p. : ill. ; 23 cm. Cover title. ●Item 596

1. United States. Federal Home Loan Bank Board. I. United States. Federal Home Loan Bank Board. OCLC 09243024

## FEDERAL MARITIME COMMISSION
## Washington, DC 20573

83-11199

FMC 1.10:22

United States. Federal Maritime Commission.

Decisions of the Federal Maritime Commission. Washington, D.C. : The Commission : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, DC 20402

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Began with v. 7, Sept. 1961/Feb. 1964. Spine title: Federal Maritime Commission reports Sept. 1961/Feb. 1964-(July 1971/June 1972) Vol. 22, July 1979 to June 1980. Description based on: Vol. 21 (July 1978 to June 1979) ●Item 233-A (microfiche) S/N 014-000-00073-9 Continues: United States. Federal Maritime Board. Decisions of the Federal Maritime Board, and Maritime Administration, Department of Commerce

1. Maritime law — United States — Cases. 2. Inland water transportation — Law and legislation — United States — Cases. I. United States. Federal Maritime Commission. Reports. KF2606.A553 75-647749 //82 343/.73/096402646 OCLC 00929110

## FEDERAL RESERVE SYSTEM BOARD OF GOVERNORS
## Washington, DC 20551

83-11200

FR 1.11/5:976

State member banks of the Federal Reserve System and nonmember banks that maintain clearing accounts with Federal Reserve banks and corporations doing foreign banking or financing that maintain reserve accounts with Federal Reserve banks. [Washington, D.C.?] : Board of Governors of the Federal Reserve System, Board of Governors of the Federal Reserve System, Washington, D.C., 20551

v. ; 26 cm.

Annual Title from cover. 1976. Description based on: Dec. 31, 1976. ISSN 0364-9601 Has supplement: State member banks of the Federal Reserve System and nonmember banks that maintain clearing accounts with Federal Reserve banks and corporations doing foreign banking or financing that maintain reserve accounts with Federal Reserve banks. Supplement Continues: State member banks of the Federal Reserve System that maintain clearing accounts with Federal Reserve Banks

1. Federal Reserve banks — Directories. I. Board of Governors of the Federal Reserve System (U.S.) HG2401.A67 79-644671 //r812 332.1/025/73 OCLC 02710564

83-11201

FR 1.51:115

Humphrey, David B.

Costs, scale economies, competition, and product mix in the U.S. payments mechanism / David B. Humphrey. — Washington, D.C. : Board of Governors of the Federal Reserve System, [1982]

18 p. : ill. ; 28 cm. — (Staff studies ; 115.) "April 1982." Includes bibliographical references. ●Item 443-A (microfiche)

1. Electronic funds transfers. 2. Check collection systems. I. Board of Governors of the Federal Reserve System (U.S.) II. Title. III. Series. OCLC 08443060

83-11202

FR 1.51:117

Canner, Glenn.

The Community Reinvestment Act and credit allocation / Glenn Canner — Washington, D.C. : Board of Governors of the Federal Reserve System, [1982]

8 p. ; 28 cm. — (Staff studies ; 117) "June 1982." Includes bibliographical references. ●Item 443-A (microfiche)

1. Banking law — United States. 2. Mortgage loans — United States. 3. Discrimination in mortgage loans — United States. I. Board of Governors of the Federal Reserve System (U.S.) II. Title. III. Series. OCLC 08595281

83-11203

FR 1.51:118

Seiders, David F.

Interest rates and terms on construction loans at commercial banks / David F. Seiders. — Washington, D.C. : Board of Governors of the Federal Reserve System, [1982]

13 p. : ill. ; 28 cm. — (Staff studies ; 118) "July 1982." Includes bibliographical references. ●Item 443-A (microfiche)

1. Construction industry — United States — Finance. 2. Bank loans — United States. 3. Interest and usury — United States. I. Board of Governors of the Federal Reserve System (U.S.) II. Title. III. Series. OCLC 08619470

83-11204

FR 1.62:210

Johnson, Karen H.

The demand for Swiss monetary assets / by Karen H. Johnson. — Washington, D.C. : Board of Governors of the Federal Reserve System, [1982]

29, [9] p. ; 28 cm. — (International finance discussion papers ; 210) "June 1982." Includes bibliographical references. ●Item 443-B (microfiche)

1. Monetary policy — Switzerland. 2. Money supply — Switzerland. I. Board of Governors of the Federal Reserve System (U.S.) II. Title. III. Series. OCLC 08782562

## FEDERAL TRADE COMMISSION
## Washington, DC 20580

83-11205

FT 1.2:El 2/4

Lean, David F.

Competition and collusion in electrical equipment markets : an economic assessment / by David F. Lean, Jonathan D. Ogur, Robert P. Rogers. — [Washington, D.C.?] : Bureau of Economics, Federal Trade Commission, 1982.

vi, 126 p. ; 23 cm. "Bureau of Economics staff report to the Federal Trade Commission." "July 1982." Bibliography: p. 83-86.

1. Electric machinery industry — Prices — United States. I. Ogur, Jonathan D. II. Rogers, Robert P. III. United States. Federal Trade Commission. Bureau of Economics. IV. Title. OCLC 08997246

83-11206

FT 1.8/2:En 2

United States. Federal Trade Commission.

Guides concerning use of endorsements and testimonials in advertising: 16 CFR Part 255 / Federal Trade Commission. — [Washington, D.C.?] : The Commission, [1980]

7 p. ; 23 cm. Cover title. "January 18, 1980."

1. Advertising laws — United States. I. Title. OCLC 06797382

## GENERAL ACCOUNTING OFFICE
## Washington, DC 20548

83-11207

GA 1.2:F 49/5

What is JFMIP? : the Joint Financial Management Improvement Program. — Washington, D.C. : The Program, [1981]

1 folded sheet (6) p. ; 23 x 11 cm. Cover title. "September 1981." ●Item 545

1. United States. Joint Financial Management Improvement Program. OCLC 09293206

Reports to Congress by Comptroller General of United States. Order multiple copies from GAO, Box 1020, Washington, DC 20013; $1.00 each. Single copies free (write: GAO, 441 G St., N.W., Washington, DC 20548)

83-11208

GA 1.13:AFMD-83-13

United States. General Accounting Office.

Improving productivity in copyright registration : report / by the U.S. General Accounting Office. — Washington, D.C. : The Office, [1982]

iii, 22 p. ; 28 cm. Cover title. "October 22, 1982." "GAO/AFMD-83-13." "B-208843"—1st prelim. p. ●Item 546-D (microfiche)

1. Library of Congress. Copyright Office. 2. Copyright — United States — Management. I. Title. OCLC 09289532

83-11209

GA 1.13:EMD-82-97

United States. General Accounting Office.

Repeal of unneeded Outer Continental Shelf production rate-setting functions would cut costs : report to the Congress / by the Comptroller General of the United States. — Washington, D.C. : U.S. General Accounting Office, [1982]

iv, 16 p. ; 28 cm. Cover title. "September 10, 1982." "GAO/EMD-82-97." "B-207917"—Prelim. p. ●Item 546-D (microfiche)

1. Continental shelf — Economic aspects — United States. I. Title. OCLC 09273656

83-11210

GA 1.13:EMD-82-102

United States. General Accounting Office.

Clear Federal policy guidelines needed for future Canadian power imports : report to the Congress / by the Comptroller General of the United States. — Washington, D.C. : General Accounting Office, 1982.

iv, 67 p. : ill, 1 map ; 28 cm. Cover title. "September 20, 1982." "GAO/EMD-82-102." "B-208231"—Prelim. p. ●Item 546-D (microfiche)

1. Electric power systems — Government policy — United States. 2. Electric power systems — Government policy — Canada. I. Title. OCLC 09270343

83-11211

GA 1.13:EMD-82-102/sum.

United States. General Accounting Office.

Clear Federal policy guidelines needed for future Canadian power imports : summary : report to the Congress / by the Comptroller General of the United States. — Washington, D.C. : U.S. General Accounting Office, [1982]

iv, [3] p. ; 28 cm. Cover title. "September 20, 1982." "GAO/EMD-82-102." ●Item 546-D (microfiche)

1. Electric power systems — United States — Government policy. 2. Electric power systems — Canada — Government policy. I. Title. OCLC 09292780

83-11212

GA 1.13:EMD-82-117

United States. General Accounting Office.

Status of the Great Plains coal gasification project—August 1982 : report to the Congress / by the Comptroller of the United States. — Washington, D.C. : U.S. General Accounting Office, [1982]

iii, 30 p. : ill. ; 28 cm. Cover title. "September 14, 1982." "GAO/EMD-82-117." "B-207876"—Prelim. p. ●Item 546-D (microfiche)

1. Coal gasification — Great Plains. 2. Energy development — Great Plains. I. Title. OCLC 09290880

83-11213

GA 1.13:FPCD-83-9

United States. General Accounting Office.

Federal civilian personnel : a work force undergoing change : study / by the staff of the U.S. General Accounting Office. — Washington, D.C. : The Office, [1982]

32 p. ; 28 cm. Cover title. "October 14, 1982." Includes bibliographical references. "GAO/FPCD-83-9." ●Item 546-D (microfiche)

1. United States — Officials and employees. I. Title. OCLC 09289136

83-11214

GA 1.13:FPCD-83-17

United States. General Accounting Office.

Military personnel issues, managing and compensating the Armed Forces : study / by the staff of the U.S. General Accounting Office. — Washington, D.C. : The Office, [1982]

22 p. ; 28 cm. Cover title. "October 12, 1982." Includes bibliographical references. "GAO/FPCD-83-17." ●Item 546-D (microfiche)

1. United States — Armed Forces — Pay, allowances, etc. 2. United States — Armed Forces — Appropriations and expenditures. I. Title. OCLC 08909408

83-11215

GA 1.13:GGD-83-8

United States. General Accounting Office.

IRS can do more to identify tax return processing problems and reduce processing costs : report to the Commissioner of Internal Revenue / by the U.S. General Accounting Office. — Washington, D.C. : The Office, [1982]

iv, 29 p. ; 28 cm. Cover title. "October 14, 1982." "GAO/GGD-83-8." "B-202441"—1st prelim. p. ●Item 546-D (microfiche)

1. United States. Internal Revenue Service. 2. Tax returns — United States. I. Title. II. Title: I.R.S. can do more to identify tax return processing problems and reduce processing costs. OCLC 09284951

83-11216

GA 1.13:GGD-83-12

United States. General Accounting Office.

Stronger supervision of credit unions needed : report to the Chairman of the National Credit Union Administration / by the U.S. General Accounting Office. — Washington, D.C. : The Office, [1982]

iv, 40 p. ; 28 cm. Cover title. "October 6, 1982." "GAO/GGD-83-12." "B-202789"—Prelim. p. ●Item 546-D (microfiche)

1. Credit unions — United States — Management. I. United States. National Credit Union Administration. II. Title. OCLC 09277454

83-11217

GA 1.13:HRD-82-116

United States. General Accounting Office.

Insights into CETA's in-school youth programs : report / by the U.S. General Accounting Office. — Washington, D.C. : The Office, [1982]

41 p. ; 28 cm. Cover title. "September 28, 1982." "GAO/HRD-82-116." "B-205705"—Prelim. p. ●Item 546-D (microfiche)

1. Youth services — United States. 2. Youth — Employment — United States. I. Title. OCLC 09290808

83-11218

GA 1.13:ID-82-41

United States. General Accounting Office.

Funding constraints require a new approach to support tourism information for foreign visitors : report to the Secretary of Commerce / by the General Accounting Office. — Washington, D.C. : The Office, [1982]

24 p. ; 28 cm. Cover title. "September 17, 1982." "GAO/ID-82-41." "B-208754"—Prelim. p. ●Item 546-D (microfiche)

1. United States Travel and Tourism Administrationn. 2. Tourist trade — United States. I. Title. OCLC 09258425

83-11219

GA 1.13:IPE-82-7

United States. General Accounting Office.

Problems and options in estimating the size of the illegal alien population : report to the chairman of the Subcommittee on Immigration and Refugee Policy of the Committee on the Judiciary, United States Senate / by the U.S. General Accounting Office. — Washington, D.C. : The Office, [1982]

iii, 35 p. ; 28 cm. Cover title. "September 24, 1982." Bibliography: p. 30-32. "GAO/IPE-82-7." "B-209064"—Prelim. p. ●Item 246-D (microfiche)

1. Aliens — United States. I. United States. Congress. Senate. Committee on the Judiciary. Subcommittee on Immigration and Refugee Policy. II. Title. OCLC 09273634

83-11220

GA 1.13:RCED-83-10

United States. General Accounting Office.

Interior's report of shut-in or flaring wells unnecessary, but oversight should continue : report to the Congress / by the Comptroller General of the United States. — Washington, D.C. : U.S. General Accounting Office, [1982]

11, 2 p. ; 28 cm. Cover title. "October 5, 1982." "GAO/RCED-83-10." "B-202428"—P. [1] ●Item 546-D (microfiche)

1. United States. Dept. of the Interior. 2. Gas, Natural, in submerged lands — United States. 3. Petroleum in submerged lands — United States. I. Title. OCLC 09289018

## GOVERNMENT PRINTING OFFICE
## Washington, DC 20402

83-11221

GP 1.37:7

Understanding color—its perception, its measurement, its application rules. — [Washington, D.C.? : U.S. G.P.O., 1982?]

[3] leaves : col. ill. ; 27 cm. Caption title. "Source of this article is the U.S. Government Printing Office. It was prepared by the staff of the Quality Control and Technical Department of the GPO."

1. Color — United States. 2. Colorimetry. I. United States. Government Printing Office. Quality Control and Technical Dept. OCLC 09311421

## ASSISTANT PUBLIC PRINTER
## (Superintendent of Documents)
## Government Printing Office
## Washington, DC 20402

83-11222

GP 3.22:Sp 1/3

Explorations in space : a collection of space-related publications to interest earth-bound astronauts for all ages. — Washington, D.C. : Superintendent of Documents, [1981?]

1 folded sheet (8) p. : ill. ; 22 x 10 cm. A collection of publications which are for sale by the Superintendent of Documents, Washington, D.C. ●Item 552

1. Outer space — Exploration. 2. Government publications. I. United States. Superintendent of Documents. OCLC 09246754

Subject bibliography . . . available free upon request from the Supt. of Docs., U.S. Govt. Print. Off. Orders must included SB number.

**83-11223**

**GP 3.22/2:013/7**

United States. Superintendent of Documents.
Aircraft, airports, and airways. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1982]
14 p. ; 26 cm. — (Subject bibliography ; SB-013) Caption title. "December 30, 1982." ●Item 552-A
1. Government publications — Bibliography — Catalogs. 2. Airplanes — United States — Bibliography — Catalogs. 3. Airports — United States — Bibliography — Catalogs. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-013. OCLC 09250277

**83-11224**

**GP 3.22/2:018/9**

United States. Superintendent of Documents.
Aviation information and training materials. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1983]
14 p. ; 26 cm. — (Subject bibliography ; SB-018) Caption title. "January 11, 1983." ●Item 552-A
1. Government publications — Bibliography — Catalogs. 2. Aeronautics, Commercial — Employees — Training of — United States — Bibliography — Catalogs. 3. Aeronautics, Military — Study and teaching — United States — Bibliography — Catalogs. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-018. OCLC 09250319

**83-11225**

**GP 3.22/2:031/9**

United States. Superintendent of Documents.
Department of Agriculture yearbooks. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1983]
3 p. ; 27 cm. — (Subject bibliography ; SB-031) Caption title. "Janurary 12, 1983." ●Item 552-A
1. United States. Dept. of Agriculture — Bibliography — Catalogs. 2. Government publications — Bibliography — Catalogs. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-031. OCLC 09250117

**83-11226**

**GP 3.22/2:071/7**

United States. Superintendent of Documents.
School lunches. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1981]
2 p. ; 26 cm. — (Subject bibliography ; SB-071) Caption title. "July 27, 1981." ●Item 552-A
1. Government publications — Bibliography — Catalogs. 2. School children — Food — United States — Bibliography — Catalogs. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-071. OCLC 09250369

**83-11227**

**GP 3.22/2:090/11**

United States. Superintendent of Documents.
Federal government forms. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1983]
14 p. ; 26 cm. — (Subject bibliography ; SB-090) Caption title. "January 5, 1983." ●Item 552-A
1. Government publications — Bibliography — Catalogs. 2. Government paperwork — United States — Bibliography — Catalogs. 3. United States — Politics and government — Forms, blanks, etc. — Bibliography — Catalogs. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-090. OCLC 09250082

**83-11228**

**GP 3.22/2:106/8**

United States. Superintendent of Documents.
Presidents of the United States. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1982]
6 p. ; 27 cm. — (Subject bibliography ; SB-106) Caption title. "December 28, 1982." ●Item 552-A
1. Government publications — Bibliography — Catalogs. 2. Presidents — United States — Bibliography — Catalogs. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-106. OCLC 09250136

**83-11229**

**GP 3.22/2:114/10**

United States. Superintendent of Documents.
Directories and lists of persons and organizations. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1982]
18 p. ; 26 cm. — (Subject bibliography ; SB-114) Caption title. "December 21, 1982." ●Item 552-A
1. Government publications — Bibliography — Catalogs. 2. Directories — Bibliography — Catalogs. 3. United States — Directories — Bibliography — Catalogs. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-114. OCLC 09250243

**83-11230**

**GP 3.22/2:138/7**

United States. Superintendent of Documents.
Building science series. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1982]
8 p. ; 26 cm. — (Subject biblography ; SB-138) Caption title. "December 16, 1982." ●Item 552-A
1. Government publications — Bibliography — Catalogs. 2. Building — Bibliography — Catalogs. 3. Building materials — Bibliography — Catalogs. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-138. OCLC 09250169

**83-11231**

**GP 3.22/2:171/8**

United States. Superintendent of Documents.
How to sell to government agencies. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1982]
5 p. ; 27 cm. — (Subject bibliography ; SB-171) Caption title. "December 30, 1982." ●Item 552-A
1. Government publications — Bibliography — Catalogs. 2. Government purchasing — United States — Bibliography — Catalogs. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-171. OCLC 09250193

## NATIONAL ARCHIVES AND RECORDS SERVICE
### General Services Administration
### Washington, DC 20408

**83-11232**

**GS 4.18:79/pt.2**

United States. National Archives and Records Service.
Guides to German records microfilmed at Alexandria, Va. — Washington : National Archives and Records Service, General Services Administration, 1958-
v. ; 22 x 36 cm. Initiated by the Committee for the Study of War Documents of the American Historical Association and continued in July 1963 by the National Archives and Records Service. Microfilms have been deposited in the National Archives. Contents: No. 79—Records of the Waffen-SS, Pt. 2. ●Item 570-C (microfiche)

1. Germany. Heer. 2. Germany — History, Military — 1933-1945 — Sources — Bibliography. 3. Documents in microform — Bibliography. I. American Historical Association. Committee for the Study of War Documents. II. Title. Z2240.A7 a -58009992 //r822 016.943086 ¢2 19 OCLC 08590796

## FEDERAL REGISTER OFFICE
### General Services Administration
### Washington, DC 20408

**83-11233**

**GS 4.108:30/pt.200-end/982**

Code of federal regulations. 30, Mineral resources. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

$10.00 $2.25 (microfiche) Spine title: CFR. 30, Mineral resources 1982, pt. 200 to end. Description based on: 1977 revision. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of July 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95016-8 ; 022-003-94804-0 (microfiche) ISSN 0276-8445

1. Mineral industries — United States — Periodicals. 2. Mining law — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 07263068

**83-11234**

**GS 4.108:31/pt.200-end/982**

United States. Dept. of the Treasury.

Code of federal regulations. 31, Money and finance, treasury. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C., 20402

v. ; 24 cm.

Annual

$9.00 $2.25 (microfiche) Spine title: CFR. 31, Money and finance, treasury 1982, pt. 200 to end. Description based on: 1980, pt. 200 to end. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of July 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95018-4 ; 022-003-94806-6 (microfiche)

1. Finance, Public — Law and legislation — United States — Periodicals. I. United States. Office of the Federal Register. II. Title. OCLC 07220656

**83-11235**

**GS 4.108:32/pt.40-399/982**

Code of federal regulations. 32, National defense. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

$13.00 $2.25 (microfiche) Spine title: CFR. 32, National defense 1982, pts. 40 to 399. Description based on: 1980, pts. 40 to 399. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of July 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95022-2 ; 022-003-94810-4 (microfiche)

1. United States — Defenses — Periodicals. I. United States. Office of the Federal Register. OCLC 07525764

**83-11236**

**GS 4.108:42/pt.400-end/982**

United States. Dept. of Health and Human Services.

Code of Federal regulations. 42, Public health. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

$9.50 $2.25 (microfiche) Spine title: CFR. 42, Public health 1982, pt. 400 to end. Description based on: 1980, pts. 1 to 399. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95062-1 ; 022-003-94851-1 (microfiche) Continues: United States. Dept. of Health, Education, and Welfare. Code of federal regulations. 42, Public health

1. Public health laws — United States — Periodicals. I. United States. Office of the Federal Register. II. Title. OCLC 05531338

**83-11237**

**GS 4.108:44/982**

Code of federal regulations. 44, Emergency management and assistance. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

$7.50 $2.25 (microfiche) Spine title: CFR. 30, Emergency management and assistance 1982. Description based on: 1980. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95066-4 ; 022-003-94855-4 (microfiche)

1. Disaster relief — United States — Management — Periodicals. 2. Assistance in emergencies — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 07530091

**83-11238**

**GS 4.108:45/pt.200-499/982**

Code of federal regulations. 45, Public welfare. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

$6.00 $2.25 (microfiche) Spine title: CFR. 45, Public welfare 1982, pts. 200 to 499. Description based on: 1980, pts. 1 to 99. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95068-1 ; 022-003-94857-1 (microfiche)

1. Public welfare — Law and legislation — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 05166333

83-11239

GS 4.108:45/pt.500-1199/982

Code of federal regulations. 45, Public welfare. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

$7.50 $2.25 (microfiche) Spine title: CFR. 45, Public welfare 1982, pts. 500 to 1199. Description based on: 1980, pts. 1 to 99. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95069-9 ; 022-003-94858-9 (microfiche)

1. Public welfare — Law and legislation — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 05166333

83-11240

GS 4.108:46/pt.1-29/982

Code of federal regulations. 46, Shipping. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

$6.00 $2.25 (microfiche) Spine title: CFR. 46, Shipping 1982, pts. 1 to 29. Description based on: 1980, pts. 1 to 29. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95071-1 ; 022-003-94860-1 (microfiche)

1. Maritime law — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 07510980

83-11241

GS 4.108:46/pt.30-40/982

Code of federal regulations. 46, Shipping. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

$5.50 $2.25 (microfiche) Spine title: CFR. 46, Shipping 1982, pts. 30 to 40. Description based on: 1980, pts. 1 to 29. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95072-9 ; 022-003-94861-9 (microfiche)

1. Maritime law — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 07510980

83-11242

GS 4.108:46/pt.41-69/982

Code of federal regulations. 46, Shipping. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

$7.50 $2.25 (microfiche) Spine title: CFR. 46, Shipping 1982, pts. 41 to 69. Description based on: 1980, pts. 1 to 29. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95073-7 ; 022-003-94862-7 (microfiche)

1. Maritime law — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 07510980

83-11243

GS 4.108:46/pt.140-155/982

Code of federal regulations. 46, Shipping. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

$7.00 $2.25 (microfiche) Spine title: CFR. 46, Shipping 1982, pts. 140 to 155. Description based on: 1980, pts. 1 to 29. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95077-0 ; 022-003-94866-0 (microfiche)

1. Maritime law — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 07510980

83-11244

GS 4.108:46/pt.156-165/982

Code of federal regulations. 46, Shipping. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

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Annual

$7.50 $2.25 (microfiche) Spine title: CFR. 46, Shipping 1982, pts. 156 to 165. Description based on: 1980, pts. 1 to 29. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95078-8 ; 022-003-94867-8 (microfiche)

1. Maritime law — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 07510980

83-11245

GS 4.108:46/pt.200-399/982

Code of federal regulations. 46, Shipping. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

$8.50 $2.25 (microfiche) Spine title: CFR. 46, Shipping 1982, pts. 200 to 399. Description based on: 1980, pts. 1 to 29. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95080-0 ; 022-003-94869-4 (microfiche)

1. Maritime law — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 07510980

83-11246

GS 4.108:46/pt.400-end/982

Code of federal regulations. 46, Shipping. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

$7.00 $2.25 (microfiche) Spine title: CFR. 46, Shipping 1982, pt. 400 to end. Description based on: 1980, pts. 1 to 29. Special edition of the Federal register, containing a codification of documents of general applicability and future effect

as of Oct. 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95081-8 ; 022-003-94870-8 (microfiche)

1. Maritime law — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 07510980

**83-11247**

**GS 4.108:49/pt.1-99/982**

Code of federal regulations. 49, Transportation. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

$6.50 $2.25 (microfiche) Spine title: CFR. 49, Transportation 1982, pts. 1 to 99. Description based on: 1980, pts. 1 to 99. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95086-9 ; 022-003-94875-9 (microfiche)

1. Transportation — Law and legislation — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 07220683

**83-11248**

**GS 4.108:49/pt.100-177/982**

Code of federal regulations. 49, Transportation. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

$9.00 $2.25 (microfiche) Spine title: CFR. 49, Transportation 1982, pts. 100 to 177. Description based on: 1980, pts. 1 to 99. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95087-7 ; 022-003-94876-7 (microfiche)

1. Transportation — Law and legislation — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 07220683

**83-11249**

**GS 4.108:49/pt.178-199/982**

Code of federal regulations. 49, Transportation. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

$8.00 $2.25 (microfiche) Spine title: CFR. 49, Transportation 1982, pts. 178 to 199. Description based on: 1980, pts. 1 to 99. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95088-5 ; 022-003-94877-5 (microfiche)

1. Transportation — Law and legislation — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 07220683

**83-11250**

**GS 4.108:49/pt.200-399/982**

Code of federal regulations. 49, Transportation. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

$7.50 $2.25 (microfiche) Spine title: CFR. 49, Transportation 1982, pts. 200 to 399. Description based on: 1980, pts. 1 to 99. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95089-3 ; 022-003-94878-3 (microfiche)

1. Transportation — Law and legislation — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 07220683

**83-11251**

**GS 4.108:49/pt.400-999/982**

Code of federal regulations. 49, Transportation. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

$8.00 $2.25 (microfiche) Spine title: CFR. 49, Transportation 1982, pts. 400 to 999. Description based on: 1980, pts. 1 to 99. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95090-7 ; 022-003-94879-1 (microfiche)

1. Transportation — Law and legislation — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 07220683

**83-11252**

**GS 4.108:50/pt.1-199/982**

Code of federal regulations. 50, Wildlife and fisheries. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

$7.00 $2.25 (microfiche) Spine title: CFR. 50, Wildlife and fisheries 1982, pts. 1 to 199. Description based on: 1980, pts. 1 to 199. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95094-0 ; 022-003-94883-0 (microfiche)

1. Wildlife conservation — Law and legislation — United States — Periodicals. 2. Fishery law and legislation — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 05955164

**83-11253**

**GS 4.108:50/pt.200-end/982**

Code of federal regulations. 50, Wildlife and fisheries. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

$8.00 $2.25 (microfiche) Spine title: CFR. 50, Wildlife and fisheries 1982, pt. 200 to end. Description based on: 1980, pts. 1 to 199. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95095-8 ; 022-003-94884-8 (microfiche)

1. Wildlife conservation — Law and legislation — United States — Periodicals. 2. Fishery law and legislation — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 05955164

PUBLIC LAWS

**83-11254**

**GS 4.110:97-141**

United States.

[Federal Physicians Comparability Allowance Amendments of 1981] An Act to Amend Title 5, United States Code, to Extend the Federal Physicians Comparabiltiy Allowance Act of 1978, and for Other Purposes. — [Washington, D.C. : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1982]

[2] p. ; 24 cm. Caption title. "Public Law 97-141." "95 STAT. 1719." "Dec. 29, 1981, (S. 1551)" ●Item 575 S/N 022-003-92922-3 @ GPO $1.75

1. Physicians — Salaries, pensions, etc. — United States. 2. United States — Officials and employees — Salaries, allowances, etc. I. Title. OCLC 09289145

**83-11255**

**GS 4.110:97-377**

United States.

[Joint Resolution Making Further Continuing Appropriations and Providing for Productive Employment for the Fiscal Year 1983, and for Other Purposes] Continuing Appropriations for fiscal year 1983. — [Washington : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O distributor, 1982]

[95] p. ; 24 cm. Caption title: Joint Resolution Making Further Continuing Appropriations and Providing for Productive Employment for the Fiscal Year 1983, and for Other Purposes. "Public Law 97-377." "Dec. 21, 1982, (H.J. Res. 631)"—P. [1] ●Item 575 S/N 022-003-95659-0 @ GPO $4.50

1. United States — Appropriations and expenditures, 1983. I. Title. OCLC 09318620

**83-11256**

**GS 4.110:97-380**

United States.

[Act to Authorize the Administrator of General Services to Donate to State and Local Governments Certain Federal Personal Property Loaned to Them for Civil Defense Use, and for Other ...] An Act to Authorize the Administrator of General Services to Donate to State and Local Governments Certain Federal Personal Property Loaned to Them for Civil Defense Use, and for Other Purposes. — [Washington, D.C. : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1983]

[1] leaf ; 24 cm. Caption title. "Public Law 97-380." "96 STAT. 1936." "Dec. 22, 1982, (S. 1444)" ●Item 575 S/N 022-003-95662-0 @ GPO $1.75

1. United States — Civil defense. 2. Surplus government property — United States. 3. Federal government — United States. I. Title. OCLC 09242946

**83-11257**

**GS 4.110:97-392**

United States.

[Act to Authorize the Sale of Defense Articles to United States Companies for Incorporation into End Items to be Sold to Friendly Foreign Countries] Arms Export Control Act amendment. — [Washington, D.C. : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1983]

[2] p. ; 24 cm. Caption title: An Act to Authorize the Sale of Defense Articles to United States Companies for Incorporation into End Items to be Sold to Friendly Foreign Countries. "Public Law 97-392." "Dec. 29, 1982, (H.R. 6758)"—P. [1] ●Item 575 S/N 022-003-95674-3 @ GPO $1.75

1. Export controls — United States. 2. Military assistance American. I. Title. OCLC 09243091

**83-11258**

**GS 4.110:97-414**

United States.

[Orphan Drug Act] An Act to Amend the Federal Food, Drug, and Cosmetic Act to Facilitate the Development of Drugs for Rare Diseases and Conditions, and for Other Purposes. — [Washington, D.C. : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1983]

[18] p. ; 24 cm. Caption title. "Public Law 97-414." "96 STAT. 2049." "Jan. 4, 1983, (H.R. 5238)" ●Item 575 S/N 022-003-95696-4 @ GPO $2.75

1. Federal aid to research — United States. 2. Drugs — United States. I. United States. Federal Food, Drug, and Cosmetic Act. II. Title. OCLC 09262569

**83-11259**

**GS 4.110:97-441**

United States.

Joint Resolution Designating "National High School Activities Week". — [Washington, D.C. : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1983]

[1] leaf ; 24 cm. Caption title. "Public Law 97-441." "96 STAT. 2291." "Jan. 8, 1983, (S.J. Res. 101)" ●Item 575 S/N 022-003-95723-5 @ GPO $1.75

1. National High School Activities Week. I. Title. OCLC 09257699

PRIVATE LAWS

**83-11260**

**GS 4.110/3:97-15**

United States.

An Act for the Relief of Sandra Reyes Pellecer. — [Washington, D.C. : U.S. G.P.O., 1982]

[1] leaf ; 24 cm. Caption title. "Private Law 97-15." "May 4, 1982, (S.1093)"

1. Pellecer, Sandra Reyes, 1962- I. Title. OCLC 09319377

**83-11261**

**GS 4.110/3:97-23**

United States.

An Act for the Relief of Mrs. Frieda Simonson. — [Washington, D.C. : U.S. G.P.O., 1982]

[1] leaf ; 24 cm. Caption title. "Private Law 97-23." "June 1, 1982, (H.R. 1608)"

1. Simonson, Frieda. I. Title. OCLC 09319298

**83-11262**

**GS 4.110/3:97-26**

United States.

An Act for the Relief of Juan Esteban Ramirez. — [Washington, D.C. : U.S. G.P.O., 1982]

[1] leaf ; 24 cm. Caption title. "Private Law 97-26." "Aug. 26, 1982, (S. 167)"

1. Ramirez, Juan Esteban, 1958- I. Title. OCLC 09319241

83-11263

GS 4.110/3:97-50

United States.
An Act for the Relief of Jose Ramon Beltron Aivenda Ostler. — [Washington, D.C. : U.S. G.P.O., 1983]
[1] leaf ; 24 cm. Caption title. "Private Law 97-50." "Jan. 3, 1983, (S. 1364)"
1. Ostler, Jose Ramon Beltron Aivenda, 1962- I. Title. OCLC 09318764

83-11264

GS 4.110/3:97-53

United States.
An Act for the Relief of Kin Chi Eng Sims. — [Washington, D.C. : U.S. G.P.O., 1983]
[1] leaf ; 24 cm. Caption title. "Private Law 97-53." "Jan. 6, 1983, (H.R. 4746)"
1. Sims, Kin Chi Eng. I. Title. OCLC 09318745

83-11265

GS 4.110/3:97-54

United States.
An Act for the Relief of Dana Braford Baretto. — [Washington, D.C. : U.S. G.P.O., 1983]
[1] leaf ; 24 cm. Caption title. "Private Law 97-54." "Jan. 6, 1983, (H.R. 5633)"
1. Baretto, Dana Bradford. I. Title. OCLC 09318713

83-11266

GS 4.110/3:97-56

United States.
An Act for the Relief of Arthur J. Grauf. — [Washington, D.C. : U.S. G.P.O., 1983]
[1] leaf ; 24 cm. Caption title. "Private Law 97-56." "Jan. 12, 1983, (H.R. 4350)"
1. Grauf, Arthur J. I. Title. OCLC 09318683

## SOCIAL SECURITY ADMINISTRATION
### Health and Human Services Dept.
### Baltimore, MD 21235

83-11267

HE 3.2:Ap 4/2/981

Right to appeal under social security and Medicare. — [Baltimore, Md.?] : U.S. Dept. of Health and Human Services, Social Security Administration, 1982.
1 folded sheet (10 p.) ; 21 cm. — (SSA pub. ; no. 70-10282) "June 1981"—P. [10]. "OHA-1"—P. [10].
1. Social security — United States. 2. Medicare. I. United States. Social Security Administration. II. Series: DHHS publication ; no. (SSA) 70-10282. OCLC 09311616

83-11268

HE 3.2:B 43/7

Direct deposit of your monthly benefits. — [Baltimore, Md.?] : U.S. Dept. of Health and Human Services, Social Security Administration, 1981.
1 folded sheet (8 p.) ; 21 cm. — (SSA publication ; no. 05-10010) "June 1981"—P. [8].
1. Bank deposits — United States. 2. Social security — United States. I. United States. Social Security Administration. II. Series: DHHS publication ; no. (SSA) 05-10010. OCLC 09310689

83-11269

HE 3.2:B 43/8

Social security benefits—let's talk dollars and sense : for state and local groups. — [Baltimore, Md.?] : U.S. Dept. of Health and Human Services, Social Security Administration, 1982.
1 folded sheet (8 p.) ; 21 cm. — (SSA publication ; no. 05-10108) "February 1982."
1. Social security — United States. I. United States. Social Security Administration. II. Series: DHHS publication ; no. (SSA) 05-10108. OCLC 09292737

83-11270

HE 3.2:D 63/13

The International year of disabled persons / [prepared by SSA Library Staff]. — [Baltimore, Md.?] : Social Security Administration, Office of Management, Budget and Personnel, [1981]
16 p. ; 21 cm. — (Quick list ; no. 14) (SSA pub. ; no. 21-008) Cover title. "June 1981"—P. [4] of cover.
1. Handicapped — United States — Bibliography. 2. Social security — United States — Bibliography. I. United States. Social Security Administration. Office of Management, Budget and Personnel. II. Series. III. Series: DHHS publication ; no. (SSA) 21-008. OCLC 09302210

83-11271

HE 3.2:M 46/20

How to complete the patient's request for medicare payment. — [Baltimore, Md.?] : U.S. Dept. of Health and Human Services, Social Security Administration, Health Care Financing Administration, 1982.
1 folded sheet (8 p.) : ill., 1 form ; 21 cm. — (SSA publication ; no. 05-10083) "January 1982"—P. [8].
1. Medicare. I. United States. Health Care Financing Administration. II. Series: DHHS publication ; no. (SSA) 05-10083. OCLC 09302435

83-11272

HE 3.2:R 24/2

Social security record book. — [Baltimore, Md.?] : U.S. Dept. of Health and Human Services, Social Security Administration, [1981]
24 p. ; 15 cm. — (SSA publication ; no. 05-10074) Cover title. "April 1981"—P. [4] of cover.
1. Social security taxes — United States. I. United States. Social Security Administration. II. Series: DHHS publication ; no. (SSA) 05-10074. OCLC 09306740

83-11273

HE 3.2:R 44/4

Your right to question the decision made on your social security claim. — [Baltimore, Md.?] : U.S. Dept. of Health and Human Services, Social Security Administration, 1982.
1 folded sheet (8 p.) ; 21 cm. — (SSA publication ; no. 05-10058) "August 1981"—P. [8].
1. Social security — United States. 2. Supplemental security income program — United States. I. United States. Social Security Administration. II. Series: DHHS publication ; no. (SSA) 05-10058. OCLC 09311581

83-11274

HE 3.2:Se 2/10

The Advantages of social security : a message for employees of nonprofit organizations. — [Baltimore, Md.?] : U.S. Dept. of Health and Human Services, Social Security Administration, 1982.
1 folded sheet (12 p.) ; 21 cm. — (SSA publication ; no. 05-10092) "November 1981"—P. [12].
1. Social security — United States. I. United States. Social Security Administration. II. Series: DHHS publication ; no. (SSA) 05-10092. OCLC 09302689

**83-11275**

**HE 3.2:W 12**

Have your wages gone up or down? — [Baltimore, Md.?] : U.S. Dept. of Health and Human Services, Social Security Administration, [1981]

1 p. ; 19 cm. — (SSA publication ; no. 05-11063) Caption title. "August 1981"—P. [1].

1. Social security — United States. I. United States. Social Security Administration. II. Series: DHHS publication ; no. (SSA) 05-11063. OCLC 09306636

**83-11276**

**HE 3.6/3:C 52/2**

Claims representative basic course : title II, initial claims, instructor guide. — [Baltimore, Md.?] : Social Security Administration, Office of Management, Budget and Personnel, 1980.

1 v. (various pagings) : ill. ; 27 cm. — (SSA pub. ; no. 23-068) Cover title. "May 1980." "I.C.N. 954835." "Formerly OM pub. nos. 279, 281."

1. Social security — United States — Officials and employees — Training of. I. United States. Social Security Administration. Office of Management, Budget and Personnel. II. Series: DHHS publication ; no. (SSA) 23-068. OCLC 09246871

**83-11277**

**HE 3.6/3:D 38**

Development clerk basic course : instructor - student. — [Baltimore, Md.?] : Social Security Administration, Office of Program Operations, [1981]

1 v. (various pagings) : ill. ; 28 cm. — (Development clerk training series) (SSA pub. ; no. 23-147) "February 1981." "Formerly OM pub. no. 147 (1-79)." "ICN 955925."

1. Social security — United States — Officials and employees — Training of. I. United States. Social Security Administration. Office of Program Operations. II. Series. III. Series: DHHS publication ; no. (SSA) 23-147. OCLC 09246665

**83-11278**

**HE 3.6/3:M 58/980**

Quick reference, reading the microfiche. — [Baltimore, Md.?] : Social Security Administration, Office of Operational Policy and Procedures, [1980]

[29] p. ; 27 cm. — (SSA pub. ; no. 66-230) "September 1980." Edge of pages tab indexed. ●Item 516-C

1. Social security — United States. I. United States. Social Security Administration. Office of Operational Policy and Procedures. II. Series: DHHS publication ; no. (SSA) 66-230. OCLC 09310922

**83-11279**

**HE 3.6/3:P 75**

SSA grants policy handbook. — [Baltimore, Md.?] : Social Security Administration, Office of Management, Budget and Personnel, [1981]

vi, 19 p. ; 28 cm. — (SSA pub. ; no. 21-009) Cover title. "June 1981." ●Item 516-C (microfiche)

1. Grants-in-aid — United States. I. United States. Social Security Administration. Office of Management, Budget, and Personnel. II. Title: S.S.A. grants policy handbook. III. Series: DHHS publication ; no. (SSA) 21-009. OCLC 09303612

**83-11280**

**HE 3.19/2:104**

Schobel, Bruce D.

A comparison of retirement benefits under the U.S. and Canadian social insurance systems / by Bruce D. Schobel. — [Baltimore, Md.?] : U.S. Dept. of Health and Human Services, Social Security Administration, [1981]

4, [1] p. ; 28 cm. — (Actuarial note ; number 104) (SSA pub. ; no. 11-11500) Caption title. "Office of the Actuary." "June 1981"—P. [1].

1. Social security — United States. 2. Social security — Canada. I. United States. Social Security Administration. Office of the Actuary. II. Title. III. Series: Actuarial note (United States. Social Security Administration) ; no. 104. IV. Series: DHHS publication ; no. (SSA) 11-11500. OCLC 09307100

**83-11281**

**HE 3.28/2:978/3**

Kahn, Arthur L.

Metropolitan distribution of SSI beneficiaries / by Arthur L. Kahn. — Washington, D.C. : U.S. Dept. of Health and Human Services, Social Security Administration, Office of Policy, Office of Research and Statistics, [1978]

21 p. ; 27 cm. — (Research and statistics note ; note no. 3) (HEW publications ; no. (SSA) 78-11701) Caption title. "Division of Supplemental Security Studies." "Feb. 1, 1978." Chiefly tables. Includes bibliographical references.

1. Social security beneficiaries — United States — Statistics. I. United States. Social Security Administration. Division of Supplemental Security Studies. II. Title. III. Series: Research and statistics note (United States. Social Security Administration. Office of Research and Statistics) ; note no. 3. IV. Series: DHEW publication ; no. (SSA) 78-11701. OCLC 09265929

**83-11282**

**HE 3.28/2:978/10**

Public assistance : comparison of calendar years 1975-77 / by Family Assistance Studies Staff. — Washington, D.C. : U.S. Dept. of Health and Human Services, Social Security Administration, Office of Policy, Office of Research and Statistics, [1978]

9 p. ; 27 cm. — (Research and statistics note ; note no. 10) (HEW publications ; no. (SSA) 78-11701) Caption title. Chiefly tables. "August 18, 1978." ●Item 516-G (microfiche)

1. Public welfare — United States — Statistics. I. United States. Social Security Administration. Office of Research and Statistics. Family Assistance Studies Branch. II. Series: Research and statistics note (United States. Social Security Administration. Office of Research and Statistics) ; note no. 10. III. Series: DHEW publication ; no. (SSA) 78-11701. OCLC 09265861

**83-11283**

**HE 3.28/2:979/2**

Dye, Emmett.

Federal matching provisions for AFDC / by Emmett Dye. — Washington, D.C. : U.S. Dept. of Health and Human Services, Social Security Administration, Office of Policy, Office of Research and Statistics, [1979]

2 p. ; 27 cm. — (Research and statistics note ; note no. 2) (HEW publications ; no. (SSA) 79-11701) Caption title. "Family Assistance Studies Staff." "April 5, 1979." Chiefly tables. ●Item 516-G (microfiche)

1. Social security beneficiaries — United States — Statistics. I. United States. Office of Family Assistance. II. Title. III. Series: Research and statistics note (United States. Social Security Administration. Office of Research and Statistics) ; note no. 2. IV. Series: DHEW publication ; no. (SSA) 79-11701. OCLC 09265977

83-11284

HE 3.67:P 96

Emergency assistance and special needs programs in public welfare : executive summary / prepared for U.S. Department of Health and Human Services, Social Security Administration, Office of Policy, Office of Research and Statistics ; prepared by the University of Wisconsin. — Washington, D.C. : The Office of Research and Statistics, [1981]

54 p. ; 28 cm. — (AFDC & related income maintenance studies, contracts and grants) (SSA publication ; no. 13-11737) Two volume report issued in 1981 was classified: HE 3.2:Em 3/v. 1-2. "Funds granted to Institute for Research on Poverty at the University of Wisconsin-Madison." "October 1981." Includes bibliographical references. "Grant no. 18-P-00113/5-02." ●Item 516 (microfiche)

1. Public welfare — United States — Finance. 2. Public welfare administration — United States. I. United States. Social Security Administration. Office of Research and Statistics. II. University of Wisconsin—Madison. Institute for Research on Poverty. III. Series. IV. Series: DHHS publication ; no. (SSA) 13-11737. OCLC 08102108

## PUBLIC HEALTH SERVICE
### Health and Human Services Dept.
### Rockville, MD 20857

83-11285

HE 20.2:M 78

Use of Moore swabs for isolating vibrio cholerae from sewage / Timothy J. Barrett ... [et al.]. — [Washington, D.C.?] : U.S. Dept. of Health and Human Services, Public Health Service, [1980]

p. 385-388 ; 26 cm. Caption title. "Bacterial Diseases Division, Bureau of Epidemiology, Center for Disease Control." Bibliography: p. 388. Reprinted from Journal of Clinical Microbiology, Apr. 1980, p. 385-388, vol. 11, no. 4.

1. Sewage — Microbiology. 2. Vibrio comma. I. Barrett, Timothy J. II. Center for Disease Control. Bacterial Diseases Division. OCLC 09310881

## PRESIDENT'S COUNCIL ON PHYSICAL FITNESS AND SPORTS
### Health and Human Services Dept.
### Washington, DC 20201

83-11286

HE 20.102:P 92/982

President's Council on Physical Fitness and Sports (U.S.)

The President's Council on Physical Fitness and Sports : organization, objectives, programs, situation report. — [Washington, D.C.?] : The President's Council on Physical Fitness and Sports, 1982.

1 folded sheet (10 p.) : ill. ; 22 cm. ●Item 484-D-3

1. President's Council on Physical Fitness and Sports (U.S.) I. Title. OCLC 09263814

## NATIONAL INSTITUTES OF HEALTH
### Health and Human Services Dept.
### Bethesda, MD 20014

83-11287

HE 20.3002:In 8/2

Conversion of neoplasm section, 8th revision of International classification of diseases (1965) and eighth revision International classification of diseases, adapted for use in the United States to neoplasm section, 9th revision of the International classification of diseases (1975) / edited by Constance L. Percy. — [Bethesda, Md.?] : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, [1981]

iii, 90 p. ; 28 cm. — (NIH publication ; no. 82-2448) "Biometry Branch, Division of Cancer Cause and Prevention." "October 1981." Includes bibliographical references. ●Item 507

1. Nosology. 2. Oncology — Classification. I. Percy, Constance. II. National Cancer Institute (U.S.). Biometry Branch. III. National Cancer Institute (U.S.). Division of Cancer Cause and Prevention. IV. Series: DHHS publication ; no. (NIH) 82-2448. OCLC 08188004

83-11288

HE 20.3031:H 35/2

Epstein, S. E., (Stephen E.)

The heart : diagnosis and treatment / [presented by Dr. Stephen E. Epstein]. — [Bethesda, Md.?] : U.S. Department of Health and Human Services, Public Health Service, National Institutes of Health, [1980]

27 p. : col. ill. ; 23 cm. — (Medicine for the layman) (NIH publication ; no. 81-1809) "November 1980"—P. [4] of cover. ●Item 506-A-13 (Short)

1. Heart — Diseases. 2. Heart — Diseases — Diagnosis. I. National Institutes of Health (U.S.) II. Title. III. Series. IV. Series: DHHS Publication ; no. (NIH) 81-1809. OCLC 09252327

## NATIONAL CANCER INSTITUTE
### Health and Human Services Dept.
### Bethesda, MD 20014

83-11289

HE 20.3152:P 27

Adult patient education in cancer / Office of Cancer Communications, National Cancer Institute. — Bethesda, Md. : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health ; [Washington, D.C. : Suptt. of Docs., U.S. G.P.O., distributor], 1982.

54 p. ; 28 cm. "September 1982." Includes bibliographies. ●Item 507-G-2 S/N 017-042-00163-3 @ GPO $4.75

1. Patient education — United States. 2. Cancer — Study and teaching — United States. I. National Cancer Institute (U.S.) Office of Cancer Communications. OCLC 09148770

83-11290

HE 20.3152:T 83

Laboratory of Tumor Cell Biology, National Cancer Institute : progress report. — [Bethesda, Md.?] : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Division of Cancer Treatment, Developmental Therapeutics Program, 1981.

690 p. : ill. ; 28 cm. "April 20-21, 1981"—Cover. Includes bibliographies. ●Item 804 (microfiche)

1. Cancer cells. I. National Cancer Institute (U.S.). Division of Cancer Treatment. II. Laboratory of Tumor Cell Biology (U.S.) OCLC 09314090

83-11291

HE 20.3158:C 16/3

Data acquisition manual, version 2 : centralized cancer patient data system (CCPDS) / Statistical Analysis and Quality Control (SAQC) Center, Fred Hutchinson Cancer Research Center ; supported by research contract National Cancer Institute N01-CN-15513. — [Bethesda, Md.] : The Institute, [1981]

1 v. (various pagings) : ill. ; 28 cm. At head of title: DAM-2. "June 1981."

1. Cancer — United States — Patients — Data processing. I. Statistical Analysis and Quality Control (SAQC) Center (Fred Hutchinson Cancer Research Center) II. National Cancer Institute (U.S.) III. Title: Centralized cancer patient data system (CCPDS). OCLC 09269324

83-11292

HE 20.3159/2:225

NTP technical report on the carcinogenesis bioassay of D & C red no. 9 (CAS no. 5160-02-1) in F344/N rats and B6C3F$_1$/N mice (feed study) / National Toxicology Program. — Bethesda, MD. : U. S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health ; Springfield, VA : National Technical Information Service [distributor], 1982.

xiv, 168 p. : ill. ; 28 cm. — (Technical report series / National Toxicology Program ; no. 225) (NIH publication ; no. 82-1781) "National Cancer Institute, National Toxicology Program." "May 1982." Bibliography: p. 61-63. "NTP-80-79." ●Item 507-G-12 (microfiche)

1. Dyes and dyeing. 2. Biological assay. 3. Carcinogenicity testing. I. National Toxicology Program (U.S.) II. Series: Technical report series (National Toxicology Program (U.S.)) ; no. 225. III. Series: DHHS publication ; no. (NIH) 82-1781. OCLC 08702836

83-11293

HE 20.3173/3:OB-82/02

Selected abstracts on virus latency and oncogenesis / Donald H. Gilden and William C. Lawrence. — [Bethesda, Md.?] : U.S. Dept. of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute ; Springfield, Va. : National Technical Information Service [distributor, 1982]

x, 71 p. ; 28 cm. — (Oncology overview) "A service of the International Cancer Research Data Bank (ICRDB)." "Prepared for the ICRDB program by the Cancer Information Dissemination and Analysis Center (CIDAC) for Cancer Virology, Immunology, and Biology"—P. 2 of cover. "August 1982"—Cover. Includes indexes. "NCI/ICRDB/OB-82/02"—Cover. NTIS: PB82-923002. ●Item 507-G-16

1. Oncogenic viruses — Abstracts. I. Gilden, Donald H. II. Lawrence, William C. III. National Cancer Institute (U.S.) IV. International Cancer Research Data Bank. V. Cancer Information Dissemination and Analysis Center on Virology, Immunology, and Biology. VI. Title: Virus latency and oncogenesis. VII. Series. OCLC 09263419

83-11294

HE 20.3173/3:OB-82/14

Selected abstracts on mitochondrial respiration in tumor cells and related systems / Arthur Cederbaum, consulting reivewer. — Bethesda, Md. : U.S. Dept. of Health and Human Services, Public Health Services, National Institutes of Health ; Springfield, Va. : National Technical Information Service [distributor, 1982]

ix, 58 p. ; 28 cm. — (Oncology overview) "A service of the International Cancer Research Data Bank (ICRDB) Program of the National Cancer Institute." "October 1982"—Cover. Includes bibliographical references and indexes. "NCI/ICRDB/OB-82/14"—Cover. NTIS: PB82-923014. ●Item 507-G-16 (microfiche)

1. Cancer cells — Abstracts. 2. Glycolysis — Abstracts. I. Cederbaum, Arthur. II. International Cancer Research Data Bank. III. Series. OCLC 09314789

83-11295

HE 20.3173/3:OK-82/15

Selected abstracts on neurocarcinogenesis / Adalbert Koestner, consulting reviewer. — Bethesda, Md. : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health ; Springfield, Va. : National Technical Information Service [distributor], 1982.

viii, 123 p. ; 28 cm. — (Oncology overview) "A service of the International Cancer Research Data Bank (ICRDB) Program of the National Cancer Institute." "October 1982"—Cover. Includes bibliographical references and indexes. "NCI/ICRDB/OK-82/15"—Cover. NTIS: PB82-922915. ●Item 507-G-16 (microfiche)

1. Nervous system — Tumors. 2. Carcinogenesis. I. Koestner, Adalbert. II. International Cancer Research Data Bank. III. National Cancer Institute (U.S.) IV. Series. OCLC 09269866

83-11296

HE 20.3173/3:OT-82/01

Selected abstracts on supportive care of the cancer patient : management of infectious and hemotologic complications / Kenneth McCredie, consulting reviewer. — [Bethesda,, Md.?] : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute ; Springfield, Va. : National Technical Information Service [distributor], 1982.

viii, 109 p. ; 28 cm. — (Oncology overview) "A service of the International Cancer Research Data Bank (ICRDB)." "Prepared for the ICRDB program by the Cancer Information Dissemination and Analysis Center (CIDAC) for Cancer Diagnosis and Therapy"—P. [2] of cover. "August 1982"—Cover. Includes index. "NCI/ICRDB/OT-82/01"—Cover. NTIS: PB82-922801. ●Item 507-G-16

1. Cancer — United States — Patients. 2. Infection. I. McCredie, Kenneth B. II. National Cancer Institute (U.S.) III. International Cancer Research Data Bank. IV. Cancer Information Dissemination and Analysis Center (CIDAC) for Diagnosis and Therapy. V. Title: Support care of the cancer patient. VI. Series. OCLC 09242914

83-11297

HE 20.3173/3:OT-82/11

Selected abstracts on treatment of bladder cancer / Douglas E. Johnson, consulting reviewer. — [Bethesda, Md.] : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health ; Springfield, Va. : National Technical Information Service [distributor], 1982.

vii, 78 p. ; 28 cm. — (Oncology overview) "A service of the International Cancer Research Data Bank (ICRDB) Program of the National Cancer Institute." "October 1982"—

Cover. Includes indexes. "NCI/ICRDB/OT-82/11"—Cover. NTIS: PB82-922811. ●Item 507-G-16 (microfiche)

1. Bladder — Tumors — Treatment — Abstracts. I. Johnson, Douglas E. II. National Cancer Institute (U.S.) III. International Cancer Research Data Bank. IV. Series. OCLC 09302011

**83-11298**

**HE 20.3173/3:OT-82/12**

Selected abstracts on diagnosis and treatment of hepatocellular carcinoma / Josef K. Korinek, consulting reviewer. — Bethesda, Md. : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health ; Springfield, Va. : National Technical Information Service [distributor, 1982]

vii, 68 p. ; 28 cm. — (Oncology overview) "A service of the International Cancer Research Data Bank (ICRDB) Program of the National Cancer Institute." "October 1982"—Cover. Includes indexes. "NCI/ICRDB/OT-82/12." NTIS: PB82-922812. ●Item 507-G-16 (microfiche)

1. Liver — Cancer — Diagnosis. I. Korinek, Josef K. II. International Cancer Research Data Bank. III. National Cancer Institute (U.S.) IV. Series. OCLC 09269834

## NATIONAL HEART, LUNG, AND BLOOD INSTITUTE
### Health and Human Services Dept.
### Bethesda, MD 20014

**83-11299**

**HE 20.3202:B 62/20/983**

High blood pressure : new ways to take control : national high blood pressure month, May, 1983. — [Bethesda, Md.] : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung, and Blood Institute, National High Blood Pressure Education Program [1983]

1 portfolio : col. ill. ; 29 cm. Cover title. ●Item 507-E-1

1. Hypertension — United States. I. National High Blood Pressure Education Program. II. Title: National high blood pressure month, May, 1983. OCLC 09211226

**83-11300**

**HE 20.3202:B 62/24/order**

National High Blood Pressure Education Program : order form / High Blood Pressure Information Center, National Institutes of Health. — Bethesda, Md. : The Center, [1981?]

[4] p. ; 28 cm. Caption title. ●Item 507-E-1

1. National High Blood Pressure Education Program. 2. Hypertension — United States. I. High Blood Pressure Information Center (U.S.) OCLC 09293350

**83-11301**

**HE 20.3202:H 99/12**

Forum on Hypertension in Minority Populations (1980 : Bethesda, Md.)

Proceedings of the 1980 Forum on Hypertension in Minority Populations / sponsored by the National High Blood Pressure Education Program, National Heart, Lung, and Blood Institute, National Institutes of Health. — [Bethesda, Md.?] : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, 1982.

189 p. : ill. ; 28 cm. Includes bibliographical references. ●Item 507-E-1

1. Hypertension — United States — Congresses. I. National High Blood Pressure Education Program. II. Title. OCLC 09168283

**83-11302**

**HE 20.3202:Is 1/2**

USA-Poland Symposium, Ischemic Heart Disease (1981 : Bethesda, Md.)

USA-Poland Symposium, Ischemic Heart Disease, March 10, 1981, Bethesda, Maryland. — Bethesda, Md. : Office of the Director, National Heart, Lung, and Blood Institute, U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, 1982.

1 v. (various pagings) : ill. ; 28 cm. — (NIH publication ; no. 82-1273) "March 1982." Includes bibliographical references. ●Item 507-E-1 (microfiche)

1. Coronary heart disease — Congresses. I. National Heart, Lung, and Blood Institute. Office of the Director. II. Title. III. Title: Ischemic heart disease. IV. Title: U.S.A.-Poland Symposium, Ischemic Heart Disease, March 10, 1981, Bethesda, Maryland. V. Series: DHHS publication ; no. (NIH) 82-1273. [DNLM 1. Coronary Disease — congresses WG 300 U84u 1981] OCLC 08766125

## NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
### Health and Human Services Dept.
### Bethesda, MD 20014

**83-11303**

**HE 20.3262/2:R 11**

Rabies : infectious disease research / [prepared by the Office of Research Reporting and Public Response]. — Bethesda, Md. : U.S. Dept. of Health and Human Services, Public Health Service, [1983]

1 folded sheet (6 p.) ; 22 cm. — (NIH publication ; no. 83-221) "Prepared by the Office of Research Reporting and Public Response, National Institute of Allergy and Infectious Diseases, National Institutes of Health"—P. [6]. "January 1983"—P. [6]. ●Item 505-A-1

1. Rabies — United States. I. National Institute of Allergy and Infectious Diseases (U.S.). Office of Research Reporting and Public Response. OCLC 09306826

## NATIONAL INSTITUTE OF ARTHRITIS, METABOLISM AND DIGESTIVE DISEASES
### Health and Human Services Dept.
### Bethesda, MD 20014

**83-11304**

**HE 20.3302:Ar 7/4**

Patient education resources on the rheumatic diseases : a catalog / Arthritis Information Clearinghouse. — [Bethesda, Md.?] : Dept. of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases, 1982.

ii, 76 p. ; 28 cm. — (NIH publication ; no. 82-2445) "November 1981." Includes indexes. ●Item 507-A-25 (microfiche)

1. Arthritis — United States — Bibliography — Catalogs. 2. Patient education — United States — Bibliography — Catalogs. I. Arthritis Information Clearinghouse (U.S.) II. Series: DHHS publication ; no. (NIH) 82-2445. OCLC 09297680

## NATIONAL INSTITUTE OF DENTAL RESEARCH
### Health and Human Services Dept.
### Washington, DC 20202

**83-11305**

HE 20.3402:F 67/9

Fluoride to protect your children's teeth. — Bethesda, Md. : National Institute of Dental Research, U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, 1982.

[2] p. ; 28 cm. — (NIDR fact sheet) Caption title. ●Item 507-0-1

1. Teeth — Care and hygiene. 2. Water — Fluoridation. I. National Institute of Dental Research (U.S.) II. Series. OCLC 09313835

**83-11306**

HE 20.3402:T 61/3

Tooth decay. — [Bethesda, Md.] : National Institute of Dental Research, U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, [1982?]

[2] p. ; 28 cm. — (NIDR fact sheet) Caption title. ●Item 507-O-1

1. Dental caries. 2. Teeth — Care and hygiene. I. National Institute of Dental Research (U.S.) II. Series. OCLC 09298800

## NATIONAL LIBRARY OF MEDICINE
### Health and Human Services Dept.
### Bethesda, MD 20209

**83-11307**

HE 20.3609/3:976-80

National Library of Medicine (U.S.)

National Library of Medicine current catalog. Quinquennial cumulation [microform] Bethesda, Md. : The Library ; [Washington, D.C. : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

microfiches : negative ; 11 x 15 cm.

Quinquennial

$21.00 Title on envelope: NLM current catalog. 1976-1980. Description based on: 1976-1980. ●Item 508-J (microfiche) S/N 017-052-00237-6 Related records: National Library of Medicine (U.S.). National Library of Medicine current catalog. Cumulative listing ISSN 0090-3132 Related records: National Library of Medicine (U.S.). National Library of Medicine current catalog. Annual cumulation ISSN 0090-3132

1. Medicine — Bibliography — Catalogs. 2. National Library of Medicine (U.S.) — Bibliography — Catalogs. I. Title. OCLC 09314481

**83-11308**

HE 20.3612/2-2:13

Cumulated abridged index medicus / National Library of Medicine. Bethesda, Md. : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, National Library of Medicine ; Washington, D.C. : For sale by Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 31 cm. (1971-1980, DHEW publication ; no. (NIH)) (NIH publication ; no. 83-258)

Annual

$36.00

Publication began with 1970. Cumulation of the 12 monthly issues of Abridged index medicus. Vol. 13, 1982. Description based on: Vol. 11 (1980) Cosponsored by the Medical Library Association. ●Item 508-E-1 S/N 017-052-00236-8 ISSN 0090-1377 Main series: DHEW publication ; no. (NIH) Main series: DHHS publication ; no. (NIH) Related records: Abridged index medicus ISSN 0001-3331 Related records: Index medicus ISSN 0019-3879

1. Medicine — Bibliography. 2. Subject headings — Medicine. 3. Medicine — Periodicals — Indexes — Periodicals. I. National Library of Medicine (U.S.) II. Medical Library Association. Key Title: Cumulated abridged index medicus III. Series: DHEW publication ; no. (NIH) IV. Series: DHHS publication ; no. (NIH) 83-258. Z6660.C79 77-610781 //r81 016.61 OCLC 02254993

**83-11309**

HE 20.3614/2:82-23

Locatis, Craig.

Simulation in education and assessment for the health professions : January 1975 through September 1982, 213 citations in English / prepared by Craig Locatis and Charlotte Kenton. — [Bethesda, Md.] : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, 1983.

12 p. ; 28 cm. — (Literature search ; no. 82-23) At head of title: National Library of Medicine. ●Item 508-H-1

1. Medicine — Study and teaching — Simulation methods. 2. Medical personnel — In-service training — United States — Bibliography. 3. Simulated patients — Bibliography. I. Kenton, Charlotte. II. National Library of Medicine (U.S.) III. Title. IV. Series. OCLC 09178982

**83-11310**

HE 20.3614/2:82-25

Kenton, Charlotte.

Oral rehydration therapy : January 1980 through December 1982, 104 citations / prepared by Charlotte Kenton. — Bethesda, Md. : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, 1983.

7 p. ; 28 cm. — (Literature search ; no. 82-25) At head of title: National Library of Medicine. ●Item 508-H-1

1. Diarrhea in children — Bibliography. 2. Dehydration in infants — Bibliography. 3. Dehydration (Physiology) — Bibliography. I. National Library of Medicine (U.S.) II. Title. III. Series. OCLC 09285778

**83-11311**

HE 20.3614/2:82-29

Kenton, Charlotte.

Tardive dyskinesia : January 1980 through December 1982, 222 citations / prepared by Charlotte Kenton. — Bethesda, Md. : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, 1983.

15, [1] p. ; 28 cm. — (Literature search ; no. 82-29) At head of title: National Library of Medicine. ●Item 508-H-1

1. Tardive dyskinesia — Bibliography. I. National Library of Medicine (U.S.) II. Title. III. Series. OCLC 09285821

## FOOD AND DRUG ADMINISTRATION
### Health and Human Services Dept.
### Rockville, MD 20857

**83-11312**

HE 20.4002:C 76/2

Consumer safety officer : a career with FDA. — Rockville, Md. : U.S. Dept. of Health and Human Services, Food and Drug Administration, Personnel Office, [1982?]

1 folded sheet (4 p.) : col. ill. ; 27 cm. — (HHS publication ; no. (FDA) 82-1022)

1. Product safety. 2. United States. Food and Drug Administration — Officials and employees. I. United States.

Food and Drug Administration. Personnel Office. II. Series: DHHS publication ; no. (FDA) 82-1022. OCLC 09311250

**83-11313**

**HE 20.4010/a:An 8**

Hecht, Annabel.

Antibiotics : oft gone astray / Annabel Hecht. — Rockville, Md. : U.S. Dept. of Health and Human Services, Public Health Service, Food and Drug Administration, Office of Public Affairs, 1981.

[4] p. : ill. ; 28 cm. — (HHS publication ; no. (FDA) 81-3113) Caption title. "Reprinted from July/August 1980 FDA Consumer"—P. [4].

1. Antibiotics. I. United States. Food and Drug Administration. Office of Public Affairs. II. Title. III. Series: DHHS publication ; no. (FDA) 81-3113. OCLC 09257742

**83-11314**

**HE 20.4010/a:M 73**

Danger lurks among the molds. — Rockville, Md. : Dept. of Health and Human Services, Public Health Service, Food and Drug Administration, 1981.

[3] p. ; 28 cm. — (HHS publication ; no. (FDA) 81-2143) Caption title. "Reprinted from December 1980-January 1981 FDA Consumer"—P. [4].

1. Molds (Botany) I. United States. Food and Drug Administration. Office of Public Affairs. II. Series: DHHS publication ; no. (FDA) 81-2113. OCLC 09307565

**83-11315**

**HE 20.4010/a:R 118**

Britain, Valorie A.

Radiation : benefit vs. risk / by Valorie A. Britain. — Rockville, Md. : Dept. of Health and Human Services, Public Health Service, Food and Drug Administration, Office of Public Affairs, 1981.

[4] p. : ill. ; 28 cm. — (HHS publication ; no. (FDA) 75-8014) Caption title. "Reprinted from September 1974 FDA Consumer"—P. [4].

1. Radiation. I. United States. Food and Drug Administration. Office of Public Affairs. II. Title. III. Series: DHHS publication ; no. (FDA) 75-8014. OCLC 09311320

**83-11316**

**HE 20.4010/a:So 16**

The Case for moderating sodium salt consumption. — Rockville, Md. : Dept. of Health and Human Services, Public Health Service, Food and Drug Administration, Office of Public Affairs, 1982.

[7] p. : ill. ; 28 cm. — (HHS publication ; no. (FDA) 82-2158) Cover title. "Reprinted form October 1981 FDA Consumer"—P. [4] of cover.

1. Salt in the body. I. United States. Food and Drug Administration. Office of Public Affairs. II. Series: DHHS publication ; no. (FDA) 82-2158. OCLC 09307513

**83-11317**

**HE 20.4010/a:T 15**

A Careful look into tanning booths. — Rockville, Md. : Dept. of Health and Human Services, Public Health Service, Food and Drug Administration, Office of Public Affairs, 1981.

[3] p. ; 28 cm. — (HHS publication ; no. (FDA) 81-8149) "Reprinted from October 1980 FDA Consumer"—P. [3].

1. Suntan — United States. I. United States. Food and Drug Administration. Office of Public Affairs. II. Series: DHHS publication ; no. (FDA) 81-8149. OCLC 09310044

## RADIOLOGICAL HEALTH BUREAU
## Health and Human Services Dept.
## Bethesda, MD 20014

**83-11318**

**HE 20.4102:X 1/17**

X-rays : get the picture on protection : mini communications package. — Rockville, Md. : U.S. Dept. of Health and Human Services, Public Health Service, Food and Drug Administration, Bureau of Radiological Health, [1981?]

10 p. : ill. ; 28 cm. — ((FDA) 80-8134) Caption title.

1. X-rays — Safety measures. 2. Diagnosis, Radioscopic. I. United States. Bureau of Radiological Health. II. Series: DHHS publication ; no. (FDA) 80-8134. OCLC 09320077

**83-11319**

**HE 20.4108:R 11/4**

Guides for naturally occurring and accelerator-produced radioactive materials (NARM) : a report of the task force / prepared by Conference of Radiation Control Program Directors, Inc. ... [et al.]. — Rockville, Md. : U.S. Dept. of Health and Human Services, Public Health Service, Food and Drug Administration, 1981.

vi, 72 p. ; 28 cm. — (HHS publication ; FDA 81-8025) "Printed June 1981." "(This report supersedes FDA 77-8025 dated July 1977)." "Prepared in support of PHS contract number 223-79-6010." ●Item 498-B-1 (microfiche)

1. Radioactive substances — United States. I. United States. Food and Drug Administration. II. Conference of Radiation Control Program Directors. III. Series: DHHS publication ; no. (FDA) 81-8025. OCLC 08118283

## HEALTH PLANNING BUREAU
## Health and Human Services Dept.
## Bethesda, MD 20014

**83-11320**

**HE 20.6110/2/:Ab 8/v.3/supp.**

Health planning reports abstracts. — [Hyattsville, Md.?] : U.S. Dept. of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Planning, 1981-

v. ; 28 cm. — (Health planning information series) Running title: NHPIC abstracts. "The Health Planning Reports Abstracts are a compendium of citations and abstracts in the National Health Planning Information Center's (NHPIC) collection of health planning literature and government reports and studies"—Suppl. to vol. 3, p. iii. "August 1981." "March 1982"—vol.3, supp. Contents: suppl. to v. 3. A-21022 through A-23264. "HRP-0904066." ●Item 509-A-6 (microfiche)

1. Health planning — United States — Abstracts. I. United States. Bureau of Health Planning. II. National Health Planning Information Center (U.S.) III. Series. RA395.A3H425 1981 82-601546 362.1/0973 ¢2 19 OCLC 08341185

## NATIONAL CENTER FOR HEALTH STATISTICS
### Health and Human Services Dept.
### Washington, DC 20202

**83-11321**

**HE 20.6209:2/36**

Factors related to response in a health examination survey, United States, 1960-1962. — Washington, D.C. : U.S. Dept. of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, [1969]

48 p. 26 cm. — (Vital and health statistics. Series 2, Data evaluation and methods research ; no. 36) (DHEW publication ; no. (HSM) 73-1263) Includes bibliographical references. Series appears on t.p. as: Data evaluation and methods research, series 2. "National Center for Health Statistics"—Cover.

1. Health surveys — United States. 2. Public health — United States. I. United States. Health Services and Mental Health Administration. II. National Center for Health Statistics (U.S.) III. Series. IV. Series. RA409.U45 no. 36 73-600270 614.4/2 OCLC 00108832

**83-11322**

**HE 20.6209:3/18**

Sauer, Herbert I.

Geographic patterns in the risk of dying and associated factors, ages 35-74 years, United States, 1968-72. — Hyattsville, Md. : U.S. Dept. of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Statistics, 1980.

viii, 120 p. : ill. ; 26 cm. — (Vital and health statistics. Series 3, Analytical studies ; no. 18) (DHHS publication ; no. (PHS) 80-1402) "September 1980." Includes bibliographical references. G.P.O. sales statement incorrect in publication. ●Item 500-E ISBN 0-8406-0184-

1. Medical geography — United States — Statistics. 2. Death — Causes — Statistics. 3. Medical statistics — United States. 4. Vital statistics — United States. 5. United States — Statistics, Medical. 6. United States — Statistics, Vital. I. National Center for Health Statistics (U.S.) II. Title. III. Series. IV. Series. RA804.S28 1980 79-607165 312/.07/23 s [614.4/273] OCLC 05833790

**83-11323**

**HE 20.6209:13/48**

Foley, Daniel Joseph, 1952-

Nursing home utilization in California, Illinois, Massachusetts, New York, and Texas : 1977 national nursing home survey. — Hyattsville, Md. : U.S. Dept. of Health and Human Services, Public Health Service, Office of Health, Research, Statistics, and Technology, National Center for Health Statistics, 1980.

20 p. : ill. ; 26 cm. — (Vital and health statistics. Series 13, Data from the national health survey ; no. 48) (DHHS publication ; no. (PHS) 81-1799) "October 1980." Includes bibliographical references. G.P.O. sales statment incorrect in publication. ●Item 500-E

1. Nursing homes — United States — States — Statistics. I. National Center for Health Statistics (U.S.) II. Title. III. Series. IV. Series. RA407.3.A349 no. 48 80-014677 [RA997] 362.1/1/0973 s362.1/6/09794@RB@ OCLC 06277415

**83-11324**

**HE 20.6209:14/24**

Strahan, Genevieve W.

Inpatient health facilities statistics, United States, 1978. — Hyattsville, Md. : U.S. Dept. of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Statistics, [1981]

iv, 56 p. : ill., maps ; 26 cm. — (Vital and health statistics. Series 14, Data from the national health survey ; no. 24) (DHHS publication ; no. (PHS) 81-1819) "March 1981." Includes bibliographical references. ●Item 500-E ISBN 0-8406-0204-

1. Hospitals — United States — Statistics. 2. Nursing homes — United States — Statistics. I. National Center for Health Statistics (U.S.) II. Title. III. Series. IV. Series. [DNLM 1. Health Facilities — supply & distribution — United States W2 A N148vn no.24 1981] RA981.A2S78 80-607845 362.1/1/0973 ¢2 19 OCLC 06920709

**83-11325**

**HE 20.6209:14/25**

Sirrocco, Al.

Employees in nursing homes in the United States : 1977 national nursing home survey. — Hyattsville, Md. : U.S. Dept. of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Statistics, [1981]

iv, 63 p. : ill. ; 26 cm. — (Vital and health statistics. Series 14, Data from the National Health Survey ; no. 25) (DHHS publication ; no. (PHS) 81-1820) "February 1981." Series appears on t.p. as Data from the national health survey, series 14, number 25. Includes bibliographical references. ●Item 500-E ISBN 0-8406-0213-

1. Nursing homes — United States — Employees. I. National Center for Health Statistics (U.S.) II. Title. III. Series. IV. Series. 80-607872 OCLC 07694135

**83-11326**

**HE 20.6210:978/v.2/pt.A**

Vital statistics of the United States. Hyattsville, Md. : U.S. Dept. of Health, Education, and Welfare, Public Health Service, National Center for Health Statistics : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, DC 20402

v. ; 30 cm. (-1975, DHEW publication ; no. (PHS)) (DHHS publication ; no. (PHS) 83-1101)

Annual

$19.00

Began publication with 1937 issue. Contents: v. 2. Mortality. pt. A. Separate sections classed in: HE 20.6210/a: 1978, v. 2, pt. A. Description based on: 1975, v. 3. 1937-49 issued in 2 pts.; 1950- in 3 v. Supplement for 1955, published 1965, issued by the National Center for Health Statistics, Division of Vital Statistics. Issuing body varies: 1937-44, U.S. Bureau of the Census, Vital Statistics Division; 1945-59, National Office of Vital Statistics; 1959-62, National Center for Health Statistics, National Vital Statistics Division; 1963- National Center for Health Statistics, Division of Vital Statistics. ●Item 510 S/N 017-022-00804-1 Main series: DHEW publication ; no. (PHS) Main series: DHHS publication ; no. (PHS) Continues in part: Birth, stillbirth, and infant mortality statistics for the continental United States, the territory of Hawaii, the Virgin Islands Continues in part: Mortality statistics (United States. Bureau of the Census) Related records: Vital statistics of the United States. Volume 2. Section 5, Life tables ISSN 0276-6302

1. Mortality — United States — Tables — Periodicals. 2. United States — Statistics, Vital — Periodicals. I. United States. Bureau of the Census. Vital Statistics Division. II. United States. National Office of Vital Statistics. III. United States. National Vital Statistics Division. IV. National Center for Health Statistics (U.S.). Division of Vital Statistics. V. Series. VI. Series: DHEW publication ; no. (PHS) OCLC 01168068

## NATIONAL CENTER FOR HEALTH SERVICES RESEARCH
### Health and Human Services Dept.
### Rockville, MD 20857

**83-11327**

**HE 20.6513/2:1**

Bonham, Gordon Scott

NMCES household interview instruments / Gordon Scott Bonham and Larry S. Corder. — Hyattsville, Md. : U.S. Dept. of Health and Human Services, Public Health Service, Office of Health Research, Statistics, and Technology, National Center for Health Services Research ; Springfield, Va. : National Technical Information Service [distributor], 1981.

xii, 180 p. : ill. ; 28 cm. — (NCHSR national health care expenditures study ; instruments and procedures 1) (DHHS publication ; no. (PHS) 81-3280) "April 1981." ●Item 491-B-16 (microfiche)

1. Health surveys — United States. I. Corder, Larry S. II. National Center for Health Services Research. III. Title. IV. Series. V. Series. OCLC 08542733

## CENTERS FOR DISEASE CONTROL
### Health and Human Services Dept.
### Atlanta, GA 30333

**83-11328**

**HE 20.7002:D 34**

Fifteen leading causes of death for metropolitan and non-metropolitan populations, United States, 1978. — Atlanta, Ga. : U.S. Dept. of Health and Human Services, Public Health Service, Centers for Disease Control, Center for Prevention Services, Health Analysis and Planning for Preventive Services, 1982.

iii, 38 p. ; 28 cm. "September 8, 1982"—Transmittal letter. "99-1556"—Transmittal letter. ●Item 504

1. Death — Causes — Statistics. 2. Mortality — United States — Statistics. 3. Vital statistics — United States. I. Centers for Prevention Services (U.S.). Health Analysis and Planning for Prevention Services. OCLC 09011617

**83-11329**

**HE 20.7002:D 62**

Beyrer, Mary K.

A directory of selected references and resources for health instruction / by Mary K. Beyrer, Marian K. Solleder. — 3rd ed. — Atlanta, Ga. : U.S. Dept. of Health and Human Services, Public Health Service, Centers for Disease Control, Center for Health Promotion and Education, 1982.

vii, 246 p. ; 28 cm. "Support for this directory was provided by Exxon Educational (sic) Foundation; the National Center for Health Education; and the U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control, Center for Health Promotion and Education." ●Item 504

1. Health — Bibliography. 2. School hygiene — United States — Bibliography. 3. Health education — United States — Bibliography. I. Solleder, Marian K. II. Center for Health Promotion and Education (U.S.) III. Exxon Education Foundation. IV. National Center for Health Education (San Francisco, Calif.) V. Title. OCLC 09003954

**83-11330**

**HE 20.7002:D 63**

Food-borne disease investigation : analysis of field data : an instructive communication. — Repr. Apr. 1982 — Atlanta, Ga. : U.S. Dept. of Health and Human Services, Public Health Service, Centers for Disease Control, 1982.

34 p. : ill. ; 22 x 28 cm. Cover title. At head of title: For training purposes only. "October 1974." "Reprinted September 1977." ●Item 504 (microfiche)

1. Food poisoning — United States. 2. Salmonellosis — United States. I. Centers for Disease Control (U.S.) OCLC 09318729

**83-11331**

**HE 20.7002:F 73/982**

Bryan, Frank L.

Diseases transmitted by foods : (a classification and summary) / Frank L. Bryan. — 2nd ed. — Atlanta, Ga. : U.S. Dept. of Health and Human Services, Public Health Service, Centers for Disease Control, Center for Professional Development and Training, 1982.

101 p. : ill. ; 28 cm. — (HHS publication ; no. (CDC) 83-8237) Includes bibliographical references and index. ●Item 504

1. Food contamination — United States. 2. Diseases — Transmission. 3. Food poisoning. I. Centers for Disease Control (U.S.). Center for Professional Development and Training. II. Title. III. Series: DHHS publication ; no. (CDC) 83-8237. OCLC 09053002

**83-11332**

**HE 20.7002:P 94**

Program representative non-technical. — [Atlanta, Ga.?] : U.S. Dept. of Health and Human Services, Public Health Service, Centers for Disease Control, [1982]

1 folded sheet (6 p.) : ill. ; 21 cm. "June 1982"—P. [6].

1. Health-officers — United States — Recruiting. 2. Venereal disease education — United States. I. Centers for Disease Control (U.S.) OCLC 09313757

**83-11333**

**HE 20.7008:Am 6**

Amniotic fluid cell culture : training manual. — Atlanta, Ga. : U.S. Dept. of Health and Human Services, Public Health Service, Centers for Disease Control, Center for Environmental Health, Genetics Laboratory, [1981]

iii, 30 p. : ill. ; 28 cm. "May 1981." Includes bibliographical references. ●Item 505-A (microfiche)

1. Amniotic liquid — Analysis and chemistry. I. Center for Environmental Health (U.S.). Genetics Laboratory. OCLC 09306906

**83-11334**

**HE 20.7008:Ep 4/instructor**

An Outbreak of enteritis during pilgrimage to Mecca : instructor's manual. — Atlanta, Ga. : U.S. Dept. of Health and Human Services, Public Health Service, Centers for Disease Control, [1982]

54 p. ; 28 cm. "April 1982." "Epidemiology teaching exercise"—Cover. Bibliography: p. 53-54. "00-3824"—Cover. ●Item 505-A (microfiche)

1. Enteritis, Regional — Saudi Arabia — Mecca. I. Centers for Disease Control (U.S.) OCLC 09311776

83-11335

HE 20.7008:Ep 5/3

An Outbreak of gastrointestinal illness following a church supper, Lycoming, Oswego County, New York, June 19, 1940 : instructor's manual. — [Atlanta, Ga. : Centers for Disease Control, 1981?]

i, 32 p. ; 28 cm. Cover title. At head of title: Epidemiology teaching exercise. ●Item 505-A (microfiche)

1. Gastrointestinal system — Disorders — New York (State) — Oswego County. I. Centers for Disease Control (U.S.) OCLC 09311378

83-11336

HE 20.7008:Ep 5/5

An Outbreak of enteritis during a pilgrimage to Mecca : instructor's guide. — [Washington, D.C.? U.S. Dept. of Health and Human Services, Public Health Service, Centers for Disease Control, 1981?]

26 p. : ill. ; 28 cm. Cover title. At head of title: Epidemiology teaching exercise. "August 1980"—P. 26. "00-3824." ●Item 505-A (microfiche)

1. Enteritis, Regional — Saudi Arabia — Mecca. I. Centers for Disease Control (U.S.) OCLC 09311783

83-11337

HE 20.7008:H 99/2

Assessment guide for the Florida hypertension control system. — [Atlanta, Ga.?] : HHS, PHS, CDC, [1982?]

16 p. : forms ; 28 cm. Cover title.

1. Hypertension — Florida. I. Centers for Disease Control (U.S.) OCLC 09293710

83-11338

HE 20.7008:P 27

Keeping track of your patients : a guide to tracking & recall systems. — Atlanta, Ga. : Dept. of Health and Human Services, Public Health Service, Centers for Disease Control, [1981]

19 p. : ill. ; 22 cm. Cover title. "Reprinted with permission from Oregon Medical Association"—P. [4] of cover. "April 1981."

1. Health planning — United States. 2. Medical offices — United States — Management. I. Centers for Disease Control (U.S.) OCLC 09302093

83-11339

HE 20.7008:Q 2

Guidelines for a quality assurance system in community-sponsored sexually transmitted disease clinics. — Atlanta, Ga. : Dept. of Health and Human Services, Public Health Service, Centers for Disease Control, Center for Prevention Services, Venereal Disease Control Division, Training, Education, and Consultation Section, 1981.

iii, 100 p. ; 28 cm. Includes bibliographical references. ●Item 505-A (microfiche)

1. Community health services — United States. 2. Venereal disease — United States. I. Center for Prevention Services (U.S.). Venereal Disease Control Division. Training, Education, and Consultation Section. OCLC 09303316

83-11340

HE 20.7008:St 1

An Outbreak of gastroenteritis on a college campus : instructor's guide. — [Washington, D.C.?] : U.S. Dept. of Health and Human Services, Public Health Service, Centers for Disease Control, [1981?]

ii, 39 p. ; 28 cm. Cover title. At head of title: Statistical teaching exercise, rates and ratios. "June 1981"—P. 39. Bibliography: p. 38-39. "00-3760." ●Item 505-A (microfiche)

1. Gastroenteritis. I. Centers for Disease Control (U.S.) OCLC 09311401

83-11341

HE 20.7008:Y 3

Developmental manual for yeast identification. — Atlanta, Ga. : U.S. Dept. of Health and Human Services, Public Health Service, Centers for Disease Control, [1982?]

36 p. : ill. ; 28 cm. Cover title. Bibliography: p. 34-35. ●Item 505-A (microfiche)

1. Yeast — Identification. 2. Microbiological laboratories — United States. I. Centers for Disease Control (U.S.) OCLC 09311258

83-11342

HE 20.7021: 1-17

Homestudy course 3010-G, community hygiene. — [Atlanta, Ga.] : Center for Professional Development and Training, U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control, [1981?]

17 v. ; 28 cm. Cover title. Contents: Lesson 1. Communicable diseases — lesson 2. Waterborne disease control, pt. 1 — lesson 3. Waterborne disease control, pt. 2 — lesson 4. Excreta disposal and disease control, pt. 1 — lesson 5. Excreta disposal and disease control, pt. 2 — lesson 6. Health hazards as related to swimming pools and plumbing — lesson 7. Vectorborne and rodentborne disease control, pt. 1 — lesson 8. Vectorborne and rodentborne disease control, pt. 2 — lesson 9. Refuse, disinfectants, and their relationship to disease control — lesson 10. Foodborne disease control, pt. 1 — lesson 11. Foodborne disease control, pt. 2 — lesson 12. Milkborne disease control — lesson 13. Health relationships in lighting, ventilation and air conditioning — lesson 14. Housing and institutional hygiene — lesson 15. Disease aspects of occupational health and air pollution — lesson 16. Miscellaneous community hygiene problems — lesson 17. Public health organizations and planning. ●Item 504-C (microfiche) (lessons 1,6,12)

1. Public health — Study and teaching — United States. 2. Health planning — Study and teaching — United States. I. Centers for Disease Control (U.S.). Center for Professional Development & Training. II. Title: Community hygiene, homestudy course 3010-G. OCLC 09298765

83-11343

HE 20.7021:1-17/directions

Homestudy course 3010-G, community hygiene : [general directions and course information]. — [Atlanta, Ga.] : Center for Professional Development and Training, U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control, [1981?]

6 leaves ; 28 cm. Cover title. ●Item 504-C (microfiche)

1. Public health — Study and teaching — United States. 2. Health planning — Study and teaching — United States. I. Centers for Disease Control (U.S.). Center for Professional Development & Training. II. Title: Community hygiene, homestudy course 3010-G. OCLC 09298944

83-11344

HE 20.7021:1-17/final

Homestudy course 3010-G, community hygiene : final exam. — [Atlanta, Ga.] : Center for Professional Development and Training, U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control, [1981?]

34, [2] leaves ; 28 cm. Cover title. ●Item 504-C (microfiche)

1. Public health — Study and teaching — United States. 2. Health planning — Study and teaching — United States. I. Centers for Disease Control (U.S.). Center for Professional Development & Training. II. Title: Community hygiene, homestudy course 3010-G. OCLC 09298982

83-11345

HE 20.7021/2:1
HE 20.7021/2:4-11

Homestudy course 3012-G, communicable disease control. — [Atlanta, Ga.?] : Center for Professional Development and Training, U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control, [1981?-

v. : forms ; 28 cm. Cover title. Contents: lesson 1. The nature of microorganisms — lesson 2. The influence of environment on microorganisms — lesson 4. How pathogens cause disease —lesson 5. Body defenses against disease — lesson 6. Definitions and reporting in communicable disease — lesson 7. Diseases transmitted from person-to-person — lesson 8. Diseases transmitted form person-to-person through droplets and droplet nuclei — lesson 9. Diseases transmitted by inanimate vehicles-food and water — lesson 10. Diseases transmitted by inanimate vehicles — lesson 11. Diseases tranmitted by animals to humans.

1. Communicable diseases — Control — Study and teaching — United States. 2. Bacterial diseases — Control — Study and teaching — United States. I. Centers for Disease Control (U.S.). Center for Professional Development & Training. OCLC 09310731

83-11346

HE 20.7021/2:1-11/directions

Homestudy course 3012-G, communicable disease control : [general directions and course information]. — [Atlanta, Ga.?] : Center for Professional Development and Training, U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control, [1982?]

5 leaves ; 28 cm. Cover title. ●Item 504-C (microfiche)

1. Communicable diseases — Control — Study and teaching — United States. 2. Bacterial diseases — Control — Study and teaching — United States. I. Centers for Disease Control (U.S.). Center for Professional Development & Training. OCLC 09310647

83-11347

HE 20.7021/2:1-11/final

Homestudy course 3012-G, communicable disease control. — [Atlanta, Ga.?] : Center for Professional Development and Training, U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control, [1982?]

17, [1] leaves : forms ; 28 cm. Cover title. ●Item 504-C (microfiche)

1. Communicable diseases — Control — Study and teaching — United States. 2. Bacterial diseases — Control — Study and teaching — United States. I. Centers for Disease Control (U.S.). Center for Professional Development & Training. OCLC 09310620

83-11348

HE 20.7021/4:5-10

Homestudy course 3014-G, waterborne disease control. — [Atlanta, Ga.?] : Center for Professional Development and Training, U.S. Dept. of Health and Human Services, Public Health Service, Centers for Disease Control, [1981?-

v. : ill., forms ; 28 cm. Cover title. Contents: lesson 5. Basic mathematics — lesson 6. Hydraulics — lesson 7, pt. 1. Municipal water treatment — lesson 8, pt. 2. Municipal water treatment —lesson 9, pt. 1. Individual water supplies — lesson 10, pt. 2. Individual water supplies. ●Item 504-C (microfiche)

1. Water — Purification — Study and teaching — United States. 2. Drinking water — Study and teaching — United States. 3. Water-supply — Study and teaching — United States. I. Centers for Disease Control (U.S.). Center for Professional Development & Training. OCLC 09227472

## NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH
### Health and Human Services Dept.
### Rockville, MD 20857

83-11349

HE 20.7115:19

2, 4-diaminoanisole (4-methoxy-m-phenylenediamine) in hair and fur dyes. — Rockville, Md. : U.S. Dept. of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1978.

5 p. ; 28 cm. — (NIOSH current intelligence bulletin ; 19) (DHEW (NIOSH) publication ; no. 78-111) "January 13, 1978." Includes bibliographical references.

1. Hair dyes. 2. Carcinogens. 3. Industrial hygiene — United States. I. National Institute for Occupational Safety and Health. II. Title: Diaminoanisole. III. Series. IV. Series: DHEW publication ; no. (NIOSH) 78-111. OCLC 09311285

83-11350

HE 20.7115:20

Tetrachloroethylene (perchloroethylene). — Rockville, Md. : U.S. Dept. of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1978.

10 p. ; 28 cm. — (NIOSH current intelligence bulletin ; 20) (DHEW (NIOSH) publication ; no. 78-112) "January 20, 1978." Includes bibliographical references.

1. Tetrachloroethylene. 2. Carcinogens. 3. Industrial hygiene — United States. I. National Institute for Occupational Safety and Health. II. Series. III. Series: DHEW publication ; no. (NIOSH) 78-112. OCLC 09273104

83-11351

HE 20.7115:22

Ethylene thiourea. — Cincinnati, Ohio : U.S. Dept. of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health, 1978.

ii, 7 p. ; 28 cm. — (NIOSH Current Intelligence Bulletin ; 22) (DHEW (NIOSH) publication ; no. 78-144) "April 11, 1978." Includes bibliographical references.

1. Carcinogens. 2. Industrial hygiene — United States. 3. Rubber industry workers — Hygienic aspects — United States. I. National Institute for Occupational Safety and Health. II. Series. III. Series: DHEW publication ; no. (NIOSH) 78-144. OCLC 08167407

83-11352

HE 20.7115:24

Benzidine derived dyes : direct blue 6, direct black 38, direct brown 95. — Cincinnati, Ohio : U.S. Dept. of Health, Education, and Welfare, Public Health Service, Center for Disease Control, National Institute for Occupational Safety and Health ; Bethesda, Md. : National Insitutes of Health, National Cancer Institute, 1978.

ii, 11 p. ; 28 cm. — (Joint NIOSH/NCI current intelligence bulletin ; 24) (DHEW (NIOSH) publication ; no. 78-148) "April 17, 1978." Includes bibliographical references.

1. Benzidine dyes. 2. Carcinogens. 3. Industrial hygiene — United States. I. National Institute for Occupational Safety and Health. II. National Cancer Institute (U.S.) III. Series. IV. Series: DHEW publication ; no. (NIOSH) 78-148. OCLC 09270440

## NATIONAL INSTITUTE OF MENTAL HEALTH
### Health and Human Services Dept.
### Rockville, MD 20857

**83-11353**

**HE 20.8113:M 52/982**

Mental health administration : an annotated bibliography : volume II / edited by Saul Feldman. — Rockville, Md. : U.S. Dept. of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, The Staff College, National Institute of Mental Health, 1982.

v, 324 p. ; 23 cm. — (DHHS publication ; no. (ADM) 81-1155) "Printed 1981"—T.p. verso. At head of title : National Institute of Mental Health. Includes index. ●Item 507-B-9

1. Mental health services — United States — Administration — Abstracts. 2. Mental health services — United States — Administration — Bibliography. I. National Institute of Mental Health (U.S.). Staff College. II. Series. RA790.5.F45 1981 OCLC 09069253

**83-11354**

**HE 20.8114/3:J 19**

Mental health services in local jails : report of a special national workshop / edited by Christopher S. Dunn, and Henry J. Steadman. — Rockville, Md. : U.S. Dept. of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute of Mental Health 1982.

vii, 218 p. ; 24 cm. — (Crime and delinquency issues) (DHHS publication ; no. (ADM) 82-1181) Includes bibliographies. "DHHS publication no. (ADM) 82-1181"—P. [4] of cover. ●Item 507-B-13

1. Prisoners — Psychiatric care — United States. I. Steadman, Henry J. II. United States. Alcohol, Drug Abuse, and Mental Health Administration. III. National Institute of Mental Health (U.S.) IV. Series. V. Series. OCLC 08997770

**83-11355**

**HE 20.8118:981**

Alcohol, drug abuse, mental health, research grant awards / prepared by Program Analysis and Evaluation Section, Division of Extramural Research Program, National Institute of Mental Health. Rockville, Md. : U.S. Dept. of Health, Education, and Welfare, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute of Mental Health, [1974- Dept. of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, 5600 Fishers Lane, Rockville, Md. 20857

v. ; 24 cm. (1973-1979: DHEW publication ; no. (ADM)) (DHHS publication ; no. (ADM) 82-319)

Annual

Fiscal year 1973- Report covers fiscal year 1981. Vols. for 1980- prepared by: Office of Extramural Programs, ADAMHA. ●Item 467-A-8 ISSN 0096-1485 Main series: DHEW publication ; no. (ADM) Main series: DHHS publication ; no. (ADM) Continues: Mental health research grant awards

1. Psychiatric research — Research grants — United States — Periodicals. I. National Institute of Mental Health (U.S.). Division of Extramural Research Programs. Program Analysis and Evaluation Section. II. United States. Alcohol, Drug Abuse, and Mental Health Administration. Office of Extramural Programs. III. Series. IV. Series: DHEW publication ; no. (ADM) RA790.6.U56a 74-646247 //r81 353.0084/2045 OCLC 02648927

**83-11356**

**HE 20.8128:M 98**

McCormack, Norma.

Plain talk about - mutual help groups : people who know just how you feel / National Institute of Mental Health, Division of Scientific and Public Information. — [Rockville, Md. : U.S. Dept. of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration], 1981.

[4] p. ; 28 cm. — (DHHS publication ; no. (ADM) 81-1138) Caption title. Includes bibliographical references. Contract no.: BPA85018-001. ●Item 507-B-30

1. Self-help groups — United States. I. National Institute of Mental Health (U.S.). Division of Scientific and Public Information. II. Title. III. Series. OCLC 09303447

## NATIONAL INSTITUTE ON DRUG ABUSE
### Health and Human Services Dept.
### Rockville, MD 20857

**83-11357**

**HE 20.8202:C 61/2/part.**
HE 20.8202:C 61/2/trainer

Clinical supervision. — Rockville, Md. : National Drug Abuse Center for Training and Resource Development, National Institute of Drug Abuse, Division of Training, U.S. Dept. of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, 1982.

2 v. ; 28 cm. — (NDACTRD publication ; no. 80-00130, 80-00181) Cover title. "Printed July 1981"—T.p. verso. Participant manual has title Resource manual, on title page. Contents: [v. 1] Participant manual — [v. 2] Trainer manual. ●Item 467-A-2 (microfiche)

1. Narcotic clinics — Administration — Study and teaching. I. National Drug Abuse Center (U.S.) II. National Institute on Drug Abuse. Division of Training. III. Series: DHHS publication ; no. (NDACTRD 80-00130, 80-00131. OCLC 09264114

**83-11358**

**HE 20.8202:T 14/981**

Let's talk about drug abuse : some questions and answers / Department of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute on Drug Abuse. — Rockville, Md. : The Institute ; Washington, D.C. : For sale by the Supt. of Docs., U.S. G.P.O., 1982.

v, 40 p. : ill. ; 15 x 23 cm. — (DHHS publication ; no. (ADM) 81-706) "Printed, 1979, Revised 1980." ●Item 467-A-1 S/N 017-024-01143-6 @ GPO $4.50

1. Drug Abuse — United States. I. National Institute on Drug Abuse. II. Series. OCLC 09292763

## HEALTH CARE FINANCING ADMINISTRATION
### Health and Human Services Dept.
### Washington, DC 20201

**83-11359**

**HE 22.8:H 34/2**

Health insurance regional office manual. — [Washington, D.C.?] : U.S. Dept. of Health and Human Services, Health Care Financing Administration, 1980.

1 v. (various pagings) : forms ; 27 cm. — (HCFA pub. ; 23-2) Cover title. Includes index.

1. Insurance, Health — United States — Handbooks, manuals, etc. I. United States. Health Care Financing Adminis-

tration. II. Series: DHHS publication ; no. (HCFA) 23-2. OCLC 09306601

**83-11360**

**HE 22.19/4-2:M 46/8/976-77**

Hatten, James M.

Medicare : persons enrolled in the health insurance program, 1976-1977 / prepared by James M. Hatten — Baltimore, Md. : U.S. Department of Health and Human Services, Health Care Financing Administration, Office of Research, Demonstrations, and Statistics, 1981.

iv, 162 p. ; 28 cm. — (HCFA pub. ; no. 03076) (Health care financing program statistics) "April 1981"—P. [4] of cover. Includes bibliographical references.

1. Insurance, Health — United States. 2. Medicare. I. United States. Health Care Financing Administration. Office of Research, Demonstrations, and Statistics. II. Title. III. Series. IV. Series: DHHS publication ; no. (HCFA) 03076. [DNLM 1. Health Insurance for Aged and Disabled, Title 18 — statistics] OCLC 07599003

## HOUSING AND URBAN DEVELOPMENT DEPARTMENT
## Washington, DC 20410

**83-11361**

**HH 1.2:Ad 2**

Additions to the housing supply by means other than new construction. — Washington, D.C. : Division of Housing and Demographic Analysis, Office of Policy Development and Research, Dept. of Housing and Urban Development, [1982]

15 p. : ill. ; 28 cm. "December 1982." "January 1983"—P. [4] of cover. Includes bibliographical references. "HUD-PDR-720"—P. [4] of cover. ●Item 582

1. Housing — United States. 2. Housing rehabilitation — United States. I. United States. Dept. of Housing and Urban Development. Division of Housing and Demographic Analysis. OCLC 09207371

**83-11362**

**HH 1.2:Am 1**

Ambulance services location package : management report / U.S. Department of Housing and Urban Development, Office of Policy Development and Research ; prepared under contract no. H-2147R by Public Technology, Inc. — Washington, D.C. : The Office, 1979.

[12] p. : ill. ; 28 cm. At head of title: HUD/PTI Public Facility Location Program. "February 9, 1978." "October 1979"—P. [4] of cover. "HUD-PDR-496-2"—P. [4] of cover. ●Item 582 (microfiche)

1. Ambulance service — United States. I. United States. Dept. of Housing and Urban Development. Office of Policy Development and Research. II. Public Technology, inc. OCLC 05856930

**83-11363**

**HH 1.2:B 21**

Renovation and displacement in South Baltimore. — [Washington, D.C.?] : U.S. Dept. of Housing and Urban Development, Division of Community Conservation Research, Office of Policy Development and Research, [1980]

ii, 62 p. : ill. ; 28 cm. Cover title: Working paper. "June 1980." Includes bibliographical references. ●Item 582 (microfiche)

1. Housing research — Maryland — Baltimore. I. United States. Dept. of Housing and Urban Development. Division of Community Conservation Research. OCLC 09311451

**83-11364**

**HH 1.2:B 96/2**

Relocation assistance to displaced businesses, farm operations and nonprofit organizations. — [Washington, D.C.?] : U.S. Dept. of Housing and Urban Development, 1982.

[16] p. : ill. ; 15 x 23 cm. Cover title. "June 1982"—P. [4] of cover. "HUD-541-CPD(2)"—P. [4] of cover. "(Previous edition current)"—P. [4] of cover. ●Item 582 (microfiche)

1. Business relocation — United States. 2. Farms, Location of — United States. 3. Corporations, Nonprofit — United States — Location. I. United States. Dept. of Housing and Urban Development. OCLC 09289387

**83-11365**

**HH 1.2:B 98/4**

"Buying a home?" : don't forget the settlement costs! — Washington, D.C. : U.S. Dept. of Housing and Urban Development, Office of Public Affairs, [1980]

1 folded sheet (10 p.) ; 23 cm. "(Previous edition current)"—P. [10] "August 1980"—P. [10] "HUD-342-H(9)"—P. [10]

1. Settlement costs — United States. 2. House buying — United States. I. United States. Dept. of Housing and Urban Development. Office of Public Affairs. OCLC 09313813

**83-11366**

**HH 1.2:C 73/23**

Community development block grant program : directory of recipients for fiscal years 1975-1978. — [Washington, D.C.?] : U.S. Dept. of Housing and Urban Development, Office of Community Planning and Development, 1980.

iii, 338 p. ; 21 x 27 cm. Cover title. "December 1979"—P. [4] of cover. Chiefly tables. "HUD-CPD-337-1"—P. [4] of cover. ●Item 582 (microfiche)

1. Community development, Urban — United States — Directories. 2. Federal aid to community development — United States — Directories. I. United States. Office of Community Planning and Development. OCLC 09311397

**83-11367**

**HH 1.2:H 19**

HUD programs that can help the handicapped. — Washington, D.C. : Dept. of Housing and Urban Development, [1977]

12, [2] p. ; 23 x 10 cm. "May 1977"—P. [14] "HUD-467-NNGOCP"—P. [14]

1. Handicapped — Housing — United States. 2. Physically handicapped — Housing — United States. I. United States. Dept. of Housing and Urban Development. II. Title: H.U.D. programs that can help the handicapped. OCLC 09293637

**83-11368**

**HH 1.2:H 34**

Headquarters training opportunities. — [Washington, D.C.?] : U.S. Dept. of Housing and Urban Development, Office of Administration, Office of Personnel, Training Division, [1981]

23 p. ; 28 cm. Cover title. "Headquarters sponsored training, April - September 1981"—1st prelim. p.

1. United States. Dept. of Housing and Urban Development — Officials and employees — In-service training. I. United States. Dept. of Housing and Urban Development. Office of Personnel. Training Division. OCLC 09301497

**83-11369**

**HH 1.2:H 75/19**

How to remodel your home. — [Washington, D.C.?] : U.S. Dept. of Housing and Urban Development, [1980]

1 folded sheet (8 p.) ; 23 cm. "December 1980"—P. [6]. "HUD-PA-609"—P. [6].

1. Dwellings — United States — Remodeling — Finance. I. United States. Dept. of Housing and Urban Development. OCLC 09293678

**83-11370**

**HH 1.2:H 81/60/v.1**

Occasional papers in housing and community affairs / U.S. Department of Housing and Urban Development, Office of Policy Development and Research. [Washington, D.C.?] : The Office, [1978- U.S. Dept. of Housing and Urban Development, 451 7th St., SW, Washington, DC 20410

v. ; 21 cm.

Vol. 1- Title from cover. Vol. 1. Vols. (2)- prepared by staff members of the Dept. of Housing and Urban Development, the Urban Institute, and others. ●Item 582 (microfiche) ISSN 0273-4141

1. Housing — United States — Collected works. 2. Community development — United States — Collected works. I. United States. Dept. of Housing and Urban Development. Office of Policy Development and Research. II. Urban Institute. sc-79003999 OCLC 04810466

**83-11371**

**HH 1.2:H 81/77**

Relocation assistance to displaced homeowners. — [Washington, D.C.?] : U.S. Dept. of Housing and Urban Development, 1982.

16 p. : ill. ; 15 x 23 cm. Cover title. "(Previous edition current)"—P. [4] of cover. "June 1982"—P. [4] of cover. "HUD-539-CPD(2)"—P. [4] of cover. ●Item 582 (microfiche)

1. Relocation (Housing) — United States. I. United States. Dept. of Housing and Urban Development. OCLC 09319310

**83-11372**

**HH 1.2:Im 7/2/sum**

Assessing the impact of development : executive summary / prepared by The Urban Institute for U.S. Dept. of Housing and Urban Development, Office of Policy Development and Research. — [Washington, D.C.?] : The Office, [1977]

8 p. ; 28 cm. "July 1977"—P. [4] of cover. "Contract no. DC-PD-51." "HUD-PDR-243"—P. [4] of cover.

1. Land use — United States. I. Urban Institute. II. United States. Dept. of Housing and Urban Development. Office of Policy Development and Research. OCLC 03226498

**83-11373**

**HH 1.2:M 71/8**

Walters, Jeffrey L.

Economic benefit-cost and risk analysis of the results of mobile home research : wind safety analysis, final report / Jeffrey L. Walters ; prepared for U.S. Department of Housing and Urban Development, Office of Policy Development and Research ; by Technology Economics, Inc. — Washington, D.C. : The Office, 1980.

xv, 163 p. ; 28 cm. "April 1980." "May 1980"—P. [4] of cover. Includes bibliographical references. "Contract no. H-2514." "HUD-PDR-547"—P. [4] of cover. ●Item 582 (microfiche)

1. Mobile homes — United States — Cost effectiveness. 2. Mobile homes — Standards — United States. 3. Mobile homes — United States — Design and construction. I. United States. Dept. of Housing and Urban Development. Office of Policy Development and Research. II. Technology Economics, Inc. III. Title. OCLC 06547252

**83-11374**

**HH 1.2:N 31/16**

Neighborhood Self-Help Development Act. — Washington, D.C. : U.S. Dept. of Housing and Urban Development, Office of Neighborhoods, Voluntary Associations, and Consumer Protection, [1979]

1 sheet (10 p.) : ill. ; 23 cm. "October 1979"—P. [10] "HUD-556-NVACP"—P. [10]

1. Community development corporations — United States. 2. Community development, Urban — United States. 3. Neighborhood. I. United States. Office of Neighborhoods, Voluntary Associations, and Consumer Protection. OCLC 05928240

**83-11375**

**HH 1.2:P 94/18/979**

When a public agency acquires your property. — [Washington, D.C.?] : U.S. Dept. of Housing and Urban Development, Office of New Community Development Corporation, [1979]

20 p. : ill. ; 14 x 23 cm. Cover title. "April 1979"—P. [4] of cover. "(Previous edition current)"—P. [4] of cover. "HUD-448-CPD(2)"—P. [4] of cover. ●Item 582 (microfiche)

1. Federal aid to community development — United States. 2. Government purchasing of real property — United States. I. United States. Office of New Community Development Corporation. OCLC 09311471

**83-11376**

**HH 1.2:P 96/8/980**

HUD's new Office of Public-Private Partnerships. — Washington, D.C. : U.S. Dept. of Housing and Urban Development, Office of Neighborhoods, Voluntary Associations, and Consumer Protection, [1980]

1 folded sheet (8 p.) ; 23 cm. "(Previous edition obsolete)"—P. [8] "November 1980"—P. [8] "HUD-559-NVACP(3)"—P. [8]

1. United States. Dept. of Housing and Urban Development. Office of Public/Private Partnerships. 2. Community development, Urban — United States. 3. Citizens' associations — United States. I. United States. Office of Neighborhoods, Voluntary Associations, and Consumer Protection. II. Title: H.U.D.'s new Office of Public-Private Partnerships. OCLC 09320021

**83-11377**

**HH 1.2:R 26/6**

Streamlining land use regulation : what local public officials should know. — Washington, D.C. : U.S. Dept. of Housing and Urban Development, Office of Policy Development and Research, 1980.

8 p. : ill. ; 21 cm. Cover title. "(Previous edition current)"—P. [4] of cover. "December 1980"—P. [4] of cover. "HUD-587-PDR(2)"—P. [4] of cover.

1. Land use — Planning — United States. I. United States. Dept. of Housing and Urban Development. Office of Policy Development and Research. OCLC 07550083

**83-11378**

**HH 1.2:R 27/7**

Relocation assistance to displaced homeowners. — [Washington, D.C.?] : U.S. Dept. of Housing and Urban Development, 1979.

16 p. : ill. ; 15 x 23 cm. Cover title. "August 1979"—P. [4] of cover. "HUD-539-CPD"—P. [4] of cover. ●Item 582 (microfiche)

1. Relocation (Housing) — United States. I. United States. Dept. of Housing and Urban Development. OCLC 05376785

83-11379

HH 1.2:R 29/6/980-2

Wise rental practices. — Washington, D.C. : U.S. Dept. of Housing and Urban Development, 1980.

39 p. : ill. ; 24 cm. Cover title. "October 1980"—P. [4] of cover. "(Previous edition current)"—P. [4] of cover. "HUD-470-NVACP(3)"—P. [4] of cover.

1. Rental housing — United States. 2. Landlord and tenant — United States. I. United States. Dept. of Housing and Urban Development. OCLC 09319375

83-11380

HH 1.2:R 29/11/elderly

The Conversion of rental housing to condominiums and cooperatives : impacts on elderly and lower income households. — Washington, D.C. : U.S. Dept. of Housing and Urban Development, Office of Policy Development and Research, 1982.

iii, 54 p. : ill. ; 28 cm. "Division of Policy Studies." "August 1981." "January 1982"—P. [4] of cover. Includes bibliographical references. "HUD-PDR-689"—P. [4] of cover. ●Item 582

1. Aged — United States — Dwellings. 2. Rental housing — United States. 3. Condominiums — United States. I. United States. Dept. of Housing and Urban Development. Office of Policy Development and Research. Division of Policy Studies. II. Title: Impacts on elderly and lower income households. OCLC 08208926

83-11381

HH 1.2:R 29/11/housing

The Conversion of rental housing to condominiums and cooperatives : impacts on housing costs. — Washington, D.C. : Dept. of Housing and Urban Development, Office of Policy Development and Research, 1982.

95 p. : ill. ; 28 cm. "Division of Policy Studies." "August 1981." "January 1982"—P. [4] of cover. Includes bibliographical references. "HUD-PDR-692"—P. [4] of cover. ●Item 582

1. Condominiums — United States — Conversion. 2. Rental housing — United States. 3. Housing, Cooperative — United States. 4. Housing — United States — Costs. I. United States. Dept. of Housing and Urban Development. Office of Policy Development and Research. Division of Policy Studies. II. Title: Impacts on housing costs. OCLC 08208917

83-11382

HH 1.2:T 25/4

Relocation assistance to displaced tenants. — [Washington, D.C.?] : U.S. Dept. of Housing and Urban Development, 1982.

[16] p. : ill. ; 15 x 23 cm. Cover title. "(Previous edition current)"—P. [4] of cover. "June 1982"—P. [4] of cover. "HUD-540-CPD(2)"—P. [4] of cover. ●Item 582 (microfiche)

1. Relocation (Housing) — United States. I. United States. Dept. of Housing and Urban Development. OCLC 09302883

83-11383

HH 1.2:W 93

Writing good instructional objectives / prepared by HUD Training Division Staff. — [Washington, D.C.?] : U.S. Dept. of Housing and Urban Development, Office of Administration, Office of Personnel, [1980]

9 p. ; 28 cm. "November 1980."

1. Lesson planning — United States. I. United States. Dept. of Housing and Urban Development. Office of Personnel. Training Division. OCLC 09303347

83-11384

HH 1.6/3:C 77

Cooling and heating load calculation manual / prepared by the American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc., under contract no. H-2303 for the U.S. Department of Housing and Urban Development, Office of Policy Development and Research. — Washington, D.C. : The Office, 1980.

1 v. (various pagings) : ill. ; 28 cm. "April 1980"—P. [4] of cover. Includes index. "HUD-PDR-533"—P. [4] of cover. ●Item 582-E (microfiche)

1. Heating load — Handbooks, manuals, etc. 2. Cooling load — Handbooks, manuals, etc. I. American Society of Heating, Refrigerating, and Air-Conditioning Engineers. II. United States. Dept. of Housing and Urban Development. Office of Policy Development and Research. OCLC 09271025

83-11385

HH 1.6/3:C 81

United States. Dept. of Housing and Urban Development. Office of the Secretary.

Guidelines for preparing correspondence for the Secretary/Under Secretary. — [Washington, D.C.?] : U.S. Dept. of Housing and Urban Development, Office of the Secretary, [1980?]

22 p. ; 28 cm. Cover title. "Previous edition is obsolete"—P. 22. "HUD-8(6-79)"—P. 22. ●Item 582-E (microfiche)

1. United States. Dept. of Housing and Urban Development. Office of the Secretary — Records and correspondence. I. Title. OCLC 09306970

83-11386

HH 1.6/3:C 86

Assessing community credit needs : draft materials. — [Washington, D.C.?] : U.S. Dept. of Housing and Urban Development, 1979.

37 p. ; 27 cm. — (CRA guidebook) "August 1979." "September 1979"—P. [4] of cover. "HUD-NVACP-485"—P. [4] of cover. ●Item 582-E (microfiche)

1. Community development, Urban — Economic aspects — United States. 2. Federal aid to community development — United States. I. United States. Dept. of Housing and Urban Development. II. Series. OCLC 05937761

83-11387

HH 1.6/3:N 31

Neighborhood-based reinvestment strategies : draft materials. — [Washington, D.C.?] : U.S. Dept. of Housing and Urban Development, 1979.

1 v. (various pagings) ; 28 cm. — (CRA guidebook) "(Draft material)"—P. [4] of cover. "September 1979"—P. [4] of cover. Bibliography: p. 92-93. "HUD-NVACP-487"—P. [4] of cover. ●Item 582-E (microfiche)

1. Federal aid to community development — United States. 2. Community development, Urban — United States. I. United States. Dept. of Housing and Urban Development. II. Series. OCLC 09306883

83-11388

HH 1.6/3:N 31/3

Broden, Thomas F.

Neighborhood identification : a guidebook for participation in the U.S. Census Neighborhood Statistics Program / by Thomas Broden ...[et al.] ; prepared by: Institute For Urban Studies, University of Notre Dame ; prepared for: U.S. Department of Housing and Urban Development, Office of Policy Development and Research, Office of Neighborhoods,

Voluntary Association and Consumer Protection. — Washington, D.C. : The Dept., 1980.

[51] p. : ill., maps ; 28 cm. "April 1980." "June 1980"—P. [4] of cover. Bibliography: p. [51] "HUD-PDR-560"—P. [4] of cover.

1. Community development, Urban — United States. 2. Neighborhood. I. United States. Office of Neighborhoods, Voluntary Associations and Consumer Protection. II. University of Notre Dame. Institute for Urban Studies. III. Title. OCLC 06607162

**83-11389**

**HH 1.6/6:361.3**

United States. Dept. of Housing and Urban Development.

Presidential Management Intern Program : program participants and departmental staff. — Washington, D.C. : U.S. Dept. of Housing and Urban Development, 1980.

32 p. in various pagings : 1 form ; 26 cm. — (Handbook ; 361.3) "HUD-21 (4-74) previous edition may be used"—Transmittal p. "April 1980."

1. Management — Study and teaching — United States — Handbooks, manuals, etc. 2. Civil service — Study and teaching (Internship) — United States — Handbooks, manuals, etc. I. Series: United States. Dept. of Housing and Urban Development. Handbook ; 361.3. OCLC 09289779

**83-11390**

**HH 1.6/6:600.1/rev.-2**

United States. Dept. of Housing and Urban Development.

Hours of duty, absence and leave : departmental staff. — Washington, D.C. : U.S. Dept. of Housing and Urban Development, [1980]

56 p. in various pagings ; 28 cm. — (Handbook ; 600.1 Rev-2) "HUD-21(4-74) previous edition may be used"—Transmittal p. "April 1980." ●Item 582-E (microfiche)

1. United States. Dept. of Housing and Urban Development — Officials and employees — Handbooks, manuals, etc. 2. Employee rules — United States. I. Title. II. Series: United States. Dept. of Housing and Urban Development. Handbook ; 600.1 REV-2. OCLC 09289831

**83-11391**

**HH 1.6/6:1970.40**

United States. Dept. of Housing and Urban Development.

Accounting instructions, treasury check writing system : departmental staff. — [Washington, D.C.?] : U.S. Dept. of Housing and Urban Development, [1980]

24 p. in various pagings ; 28 cm. — (Handbook ; 1970.40) "HUD-21 (4-74) previous edition may be used"—Transmittal p. "May 1980."

1. United States. Dept. of Housing and Urban Development — Handbooks, manuals, etc. 2. Accounting departments — United States. I. Title. II. Series: United States. Dept. of Housing and Urban Development. Handbook ; 1970.40. OCLC 09307154

**83-11392**

**HH 1.6/6:4010.2**

United States. Dept. of Housing and Urban Development.

Mortgagee Review Board : departmental staff. — Washington, D.C. : U.S. Dept. of Housing and Urban Development, 1980.

15 p. in various pagings ; 26 cm. — (Handbook ; 4010.2) "April 1980."

1. United States. Dept. of Housing and Urban Development — Handbooks, manuals, etc. 2. Mortgage loans — United States — Handbooks, manuals, etc. I. Title. II. Series: United States. Dept. of Housing and Urban Development. Handbook ; 4010.2. OCLC 09314842

**83-11393**

**HH 1.6/6:4720.1**

Tables of factors for use in determining unearned charge on Title I Mobile Home Loan under the actuarial method : program participants and departmental staff. — [Wash., D.C.] : U.S. Dept. of Housing and Urban Development, Office of Housing, 1980.

ii, 104 p. ; 27 cm. — (Handbook ; 4720.1) "April 1980." Chiefly tables. ●Item 582-E (microfiche)

1. Housing — United States — Finance. 2. Mobile homes — United States. 3. Mortgage loans — United States. I. United States. Dept. of Housing and Urban Development. Office of Housing. II. Series: United States. Dept. of Housing and Urban Development. Handbook ; 4720.1. OCLC 09285867

**83-11394**

**HH 1.6/6:8021.1**

United States. Dept. of Housing and Urban Development.

Voluntary affirmative marketing handbook : departmental staff and program participants. — Washington, D.C. : Dept. of Housing and Urban Development, [1979]

1 v. (various pagings) : ill., forms ; 26 cm. — (Handbook ; 8021.1) "Previous edition may be used"—Transmittal p. "November, 1979." "8021.1." "HUD-21 (4-74)"—Transmittal p.

1. United States. Dept. of Housing and Urban Development — Handbooks, manuals, etc. 2. Discrimination in housing — United States — Handbooks, manuals, etc. I. Title. II. Series: United States. Dept. of Housing and Urban Development. Handbook ; 8021.1. OCLC 09273706

**83-11395**

**HH 1.6/9:On 2/982**

Minimum property standards : one and two family dwellings. — 1982 ed. — [Washington, D.C.?] : U.S. Dept. of Houusing and Urban Development, Office of Housing : For sale by the Supt. of Docs., U.S. G.P.O., 1982.

1 v. (loose-leaf) : ill., maps ; 28 cm. Cover title. Includes index. "4900.1." ●Item 582-E S/N 023-000-00698-7 @ GPO $8.50

1. Dwellings — Standards — United States. I. United States. Dept. of Housing and Urban Development. Office of Housing. OCLC 09277887

**83-11396**

**HH 1.23:F 48/2**

Solar energy for heating & cooling of buildings : films/slides/videotapes. — Rockville, Md. : National Solar Heating and Cooling Information Center, [1978]

32 p. ; 23 x 10 cm. Cover title. "Current as of 12/78"—P. [4] of cover. ●Item 581-D (microfiche)

1. Solar energy — Film catalogs. I. National Solar Heating and Cooling Information Center. OCLC 09306708

**83-11397**

**HH 1.23:P 41/979**

United States. Dept. of Housing and Urban Development. Library.

Periodicals list. — Washington, D.C. : U.S. Dept. of Housing and Urban Development, Library, [1979]

1 v. (various pagings) ; 27 cm. "October 1979"—Cover. "November 1979"—P. [4] of cover. "HUD-A-503"—P. [4] of cover. ●Item 581-D (microfiche)

1. Housing — Periodicals — Bibliography. 2. City planning — Periodicals — Bibliography. I. Title. OCLC 05971583

83-11398

HH 1.23:P 96/4

Bibliography of publications. — [Washington, D.C.?] : U.S. Dept. of Housing and Urban Development, Office of Administration, 1979.

47 p. ; 21 x 28 cm. "April 1979"—P. [4] of cover. "HUD-484-ASI"—P. [4] of cover. ●Item 581-D (microfiche)

1. United States. Dept. of Housing and Urban Development. — Bibliography. 2. Housing — Bibliography. 3. Community development, Urban — Bibliography. I. United States. Dept. of Housing and Urban Development. Office of Administration. OCLC 05225350

83-11399

HH 1.23:R 24/977

Redlining : a bibliography. — 3rd ed., Sept. 1977 — Washington, DC : U.S. Dept. of Housing and Urban Developmet, Library Division, [1977]

ii, 7 p. ; 26 cm. "December 1977"—P. [4] of cover. "(Previous edition obsolete)"—P. [4] of cover. "HUD-A-204-3"—P. [4] of cover. ●Item 581-D (microfiche)

1. Discrimination in mortgage loans — United States — Bibliography. I. United States. Dept. of Housing and Urban Development. Library Division. II. Title. OCLC 09310714

## FEDERAL INSURANCE ADMINISTRATION
## Washington, DC 20410

83-11400

HH 10.10:1(e)

Guide for ordinance development : according to 1910.3(e) of the National Flood Insurance Program regulations. — [Washington, D.C.?] : Dept. of Housing and Urban Development : Federal Insurance Administration, [1978]

27 p. ; 26 cm. — (Community assistance series ; no. 1 (e)) "National Flood Insurance Program"—Cover. "June 1978"—P. [4] of cover. "HUD-481-5-FIA"—P. [4] of cover. ●Item 594-A-3 (microfiche)

1. Flood control — Law and legislation — United States. 2. Insurance, Flood — United States. I. United States. Dept. of Housing and Urban Development. II. United States. Federal Insurance Administration. III. National Flood Insurance Program (U.S.) IV. Title: National Flood Insurance Program. V. Series. OCLC 04007834

## GEOLOGICAL SURVEY
## Interior Dept.
## Reston, Va. 22092

83-11401

I 19.2:M 32/7

Federal Mapping Coordination Conference (1981 : Reston, Va.)

Report on the proceedings of the Federal Mapping Coordination Conference. — [Reston, Va.] : U.S. Dept. of the Interior, Geological Survey, [1981]

iii, 54 p. : ill. ; 28 cm. "U.S. Department of the Interior, Geological Survey, National Mapping Division"—Cover. "June 1, 1981." ●Item 621 (microfiche)

1. Conformal mapping — Congresses. I. Geological Survey (U.S.). National Mapping Division. II. Title. OCLC 09314215

83-11402

I 19.3:1544

Hemingway, Bruce S.

Thermodynamic properties of selected minerals in the system $Al_2O_3$-CaO-$SiO_2$-$H_2O$ at 298.15 K and 1 bar ($10^5$Pascals) pressure and at higher temperatures / by B.S. Hemingway, J.L. Haas, Jr., and G.R. Robinson, Jr.. — [Reston, Va.?] : U.S. Dept. of the Interior, Geological Survey ; Washington, D.C. : For sale by the Supt. of Docs., U.S. G.P.O., [1982]

70 p. ; 23 cm. — (Geological Survey bulletin ; 1544) Bibliography: p. 12-14. This report is supplement to U.S. Geological Survey Bulletin 1452. ●Item 620 S/N 024-001-03492-1 @ GPO $4.50

1. Aluminum silicates — Thermal properties. I. Haas, John L. II. Robinson, G. R. III. Geological Survey (U.S.) IV. Title. V. Series. QE75.B9 no. 1544 82-600124 [QE389.62] 557.3 s [549/.6 ¢2 19] OCLC 08765587

83-11403

I 19.13:2175/v.1-2

Measurement and computation of streamflow / by S.E. Rantz and others. — [Reston, Va.?] : U.S. Dept. of the Interior, Geological Survey ; Washington, D.C. : For sale by the Supt. of Docs., U.S. G.P.O., 1982.

2 v. (xiv, 631 p.) : ill ; 24 cm. — (Geological Survey water-supply paper ; 2175) Includes bibliographies and indexes. Contents: v. 1. Measurement of stage and discharge — v. 2. Computation of discharge. ●Item 625 S/N 024-001-03489-1 @ GPO $13.00

1. Stream measurements. I. Rantz, S. E. (Saul Edward), 1911- II. Geological Survey (U.S.) III. Series. TC175.M42 81-607309 551.48/3/0287 ¢2 19 OCLC 07836680

83-11404

I 19.13:2191

Barraclough, Jack T.

Hydrologic conditions at the Idaho National Engineering Laboratory, Idaho—emphasis, 1974-1978 / by Jack T. Barraclough, Barney D. Lewis, and Rodger G. Jensen ; prepared in cooperation with the U.S. Department of Energy. — [Reston, Va.?] : U.S. Dept. of the Interior, Geological Survey ; Alexandria, VA : For sale by the Branch of Distribution, U.S. Geological Survey, 1982.

vi, 52 p. : ill., maps ; 28 cm. — (U.S. Geological Survey water-supply paper ; 2191) Bibliography: p. 51-52. ●Item 625

1. Idaho National Engineering Laboratory. 2. Water quality — Idaho. 3. Water, Underground — Pollution — Idaho. I. Lewis, Barney D. II. Jensen, Rodger G. III. Geological Survey (U.S.) IV. United States. Dept. of Energy. V. Title. VI. Series: Geological Survey water-supply paper ; 2191. TD224.I2B37 81-006821 553.7/9/0979659 ¢2 19 OCLC 07653148

83-11405

I 19.15/5:bk.3/chap.A 9

Measurement of time of travel and dispersion in streams by dye tracing / by E.F. Hubbard ... [et al.]. — [Reston, Va.?] : U.S. Dept. of the Interior, Geological Survey ; Alexandria, VA : For sale by the Distribution Branch, U.S. Geological Survey, 1982.

ix, 44 p. : ill., 1 map ; 26 cm. — (Techniques of water-resources investigations of the United States Geological Survey. Bk. 3, Applications of hydraulics ; ch. A 9) Bibliography: p. 43-44. ●Item 624-A

1. Stream measurements — United States. I. Hubbard, E. F. II. Geological Survey (U.S.) III. Series. OCLC 08606632

**83-11406**

**I 19.15/5:bk.5/chap.A 1**

Methods for determination of inorganic substances in water and fluvial sediments / by Marvin W. Skougstag ... [et al.]. — [Reston, Va.?] : U.S. Dept. of the Interior, Geological Survey ; Washington, D.C. : For sale by the Supt. of Docs., U.S. G.P.O., 1979.

xii, 626 p. : ill. ; 26 cm. — (Techniques of water-resources investigations of the United States Geological Survey. Bk. 5, Laboratory analysis ; ch. A 1) Includes bibliographies and index. ●Item 624-A S/N 024-001-03177-9 @ GPO $11.00

1. Water — Analysis. I. Skougstad, Marvin W. (Marvin Wilmer), 1918- II. Geological Survey (U.S.) III. Series. OCLC 05255061

**83-11407**

**I 19.16:1193**

International Centennial Symposium of the U.S. Geological Survey (1979 : Reston, Va.)

Resources for the twenty-first century : proceedings of the International Centennial Symposium of the United States Geological Survey, held at Reston, Virginia, October 14-19, 1979 / F.C. Whitmore, Jr., and M.E. Williams, editors. — [Washington, D.C.?] : U.S. Dept of the Interior : For sale by the Supt. of Docs., U.S. G.P.O., 1982.

xvi, 345 p. : ill. (some col.), maps ; 28 cm. — (Geological Survey professional paper ; 1193) Includes bibliographical references. ●Item 624 S/N 024-001-03485-9 @ GPO $15.00

1. Earth sciences — Congresses. 2. Natural resources — Congresses. I. Whitmore, Frank C. II. Williams, M. E. (Mary Ellen), 1939- III. Geological Survey (U.S.) IV. United States. Dept. of the Interior. V. Title. VI. Series. OCLC 09292909

**83-11408**

**I 19.16:1200-NJ**

The National Gazetteer of the United States of America : New Jersey, 1982 / prepared in cooperation with the U.S. Board on Geographic Names. — [Reston, Va.?] : U.S. Dept. of the Interior, Geological Survey ; Alexandria, Va. : For sale by the Distribution Branch, U.S. Geological Survey, 1982.

xvi, 220 p. : maps ; 28 cm. — (Geological Survey professional paper ; 1200-NJ) ●Item 624

1. New Jersey — Gazetteers. I. Geological Survey (U.S.) II. United States. Board on Geographic Names. III. Series. F132.N37 1982 82-600282 917.49/003/21 ¢2 19 OCLC 08785177

**83-11409**

**I 19.16:1227**

The Oilspill risk analysis model of the U.S. Geological Survey / by Richard A. Smith ... [et al.]. — [Reston, Va.?] : U.S. Dept. of the Interior, Geological Survey ; Alexandria, VA : For sale by the Branch of Distribution, U.S. Geological Survey, 1982.

iv, 40 p. : ill., maps ; 29 cm. — (Geological Survey professional paper ; 1227) Bibliography: p. 35. ●Item 624

1. Oil spills — Mathematical models. 2. Oil spills — Data processing. I. Smith, Richard A. II. Geological Survey (U.S.) III. Series. GC1085.O44 1982 80-606812 363.7/394 OCLC 07281487

**83-11410**

**I 19.16:1242**

Osterkamp, W. R.

Perennial-streamflow characteristics related to channel geometry and sediment in the Missouri River basin / by W.R. Osterkamp and E.R. Hedman. — [Reston, Va.?] : U.S. Dept. of the Interior, Geological Survey ; Alexandria, Va. : For sale by the Branch of Distribution, U.S. Geological Survey, 1982.

iv, 37 p. : ill., maps ; 29 cm. — (Geological Survey professional paper ; 1242) Bibliography: p. 19-20. ●Item 624

1. Stream measurements — Missouri River Basin. 2. Sediment transport — Missouri River Basin. 3. River channels — Missouri River Basin. I. Hedman, E. R. II. Geological Survey (U.S.) III. Title. IV. Series. GB1227.M7O84 1982 81-607905 551.48/3/0978 ¢2 19 OCLC 07577060

**83-11411**

**I 19.42/3:F 66/980-81**

**I 19.42/3:F 66/981-82**

Water resources investigations in Florida / U.S. Geological Survey, Water Resources Division, in cooperation with the Florida Department of Environmental Regulation ... [et al.] Tallahassee, Fla. : The Division, U.S. Geological Survey, Water Resources Division, District Office, 325 John Knox Rd., Suite F-240, Tallahassee, Fl 32303

v. : ill., maps ; 26 cm. Spine title: Summary statements of water resources investigations in Florida (1977/78-) 1980-81; 1981-82. Description based on: 1977-78. ISSN 0195-3885

1. Water resources development — Research — Florida — Yearbooks. 2. Hydrology — Research — Florida — Yearbooks. I. Geological Survey (U.S.). Water Resources Division. II. Florida. Dept. of Environmental Regulation. TC424.F6U54a 79-644107 //r82 553.7/09759 OCLC 05395949

**83-11412**

**I 19.42/4:80-54**

Parks, William Scott.

Appraisal of hydrologic information needed in anticipation of lignite mining in Lauderdale County, Tennessee / by William S. Parks ; prepared in cooperation with the Tennessee Department of Conservation, Division of Geology. — Memphis, Tenn. : U.S. Geological Survey, 1981.

vii, 67 p. : ill., maps ; 28 cm. — (Water-resources investigations) (Open-file report ; 80-54) Bibliography: p. 64-67. ●Item 624-B (microfiche)

1. Hydrology — Tennessee — Lauderdale County. I. Tennessee. Dept. of Conservation. Division of Geology. II. Geological Survey (U.S.) III. Title. IV. Series. V. Series: Open-file report (Geological Survey (U.S.)) ; 80-54. OCLC 07640499

**83-11413**

**I 19.42/4:81-138**

Lines, Gregory C.

Hydrologic monitoring in the coal fields of central Utah, August 1978-September 1979 / by Gregory C. Lines and Gerald G. Plantz. — Salt Lake City, Utah : U.S. Geological Survey, [1981]

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1. Hydrology — Utah. I. Plantz, Gerald G. II. Geological Survey (U.S.) III. Title. IV. Series. V. Series: Open-file report (Geological Survey (U.S.)) ; 81-138. OCLC 07862639

**83-11414**

**I 19.53/2:MO-81-1**

Water resources data. Missouri. [Rolla, Mo.] : U.S. Dept. of the Interior, U.S. Geological Survey ; [Springfield, Va. : National Technical Information Service], 1982- National Technical Information Service, Springfield, Va., 22161

v. ; 28 cm. (U.S. Geological Survey water-data report ; MO-81-1)

Annual

1981- "Water Resources Division"—Verso of t.p. Water year 1981. Vols. for 1981- prepared in cooperation with the Missouri Dept. of Natural Resources, Division of Geology and Land Survey and other agencies. ●Item 619-E-25 (microfiche) Main series: U.S. Geological Survey water-data report Continues: Water resources data for Missouri

1. Stream measurements — Missouri — Yearbooks. 2. Water quality — Missouri — Yearbooks. 3. Water resources development — Missouri — Yearbooks. I. Geological Survey (U.S.). Water Resources Division. II. Missouri. Division of Geology and Land Survey. III. Series. OCLC 09290627

**83-11415**

**I 19.53/2:ND-81-1**

Water resources data. North Dakota. [Bismarck, N.D.] : U.S. Dept. of the Interior, U.S. Geological Survey ; [Springfield, Va. : National Technical Information Service], 1982- National Technical Information Service, Springfield, Va., 22161

v. ; 28 cm. (U.S. Geological Survey water-data report ; ND-81-1)

Annual

1981- "Water Resources Division"—Verso of t.p. Water year 1981, v. 1. Contents: v. 1. Hudson Bay basin. Vols. for 1981- prepared in cooperation with the State of North Dakota. ●Item 619-E-34 (microfiche) Main series: U.S. Geological Survey water-data report Continues: Water resources data for North Dakota

1. Stream measurements — North Dakota — Yearbooks. 2. Water quality — North Dakota — Yearbooks. 3. Water resources development — North Dakota — Yearbooks. I. Geological Survey (U.S.). Water Resources Division. II. Series. OCLC 09290674

**83-11416**

**I 19.53/2:UT-81-1**

Water resources data. Utah. [Salt Lake City, Utah] : U.S. Dept. of the Interior, U.S. Geological Survey; [Springfield, Va. : National Technical Information Service], 1982- National Technical Information Service, Springfield, Va., 22161

v. ; 28 cm. (U.S. Geological Survey water-data report ; UT-81-1)

Annual

1981- "Water Resources Division"—Verso of t.p. Water year 1981. Vols. for 1981- prepared in cooperation with the State of Utah and with other agencies. ●Item 619-E-44 (microfiche) Main series: t U.S. Geological Survey water-data report Continues: Water resources data for Utah

1. Stream measurements — Utah — Yearbooks. 2. Water quality — Utah — Yearbooks. 3. Water resources development — Utah — Yearbooks. I. Geological Survey (U.S.). Water Resources Division. II. Series. OCLC 09247224

**83-11417**

**I 19.53/2:WV-81-1**

Water resources data. West Virginia. [Charleston, W. Va.] : U.S. Dept. of the Interior, U.S. Geological Survey ; [Springfield, Va. : National Technical Information Service], 1982- National Technical Information Service, Springfield, Va., 22161

v. ; 28 cm. (U.S. Geological Survey water-data report ; WV-81-1)

Annual

1981- "Water Resources Division"—Verso of t.p. Water year 1981. Vols. for 1981- prepared in cooperation with the State of West Virginia and with other agencies. ●Item 619-E-48 (microfiche) Main series: U.S. Geological Survey water-data report Continues: Water resources data for West Virginia

1. Stream measurements — West Virginia — Yearbooks. 2. Water quality — West Virginia — Yearbooks. 3. Water resources development — West Virginia — Yearbooks. I. Geological Survey (U.S.). Water Resources Division. II. Series. OCLC 09247168

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**83-11418**

**I 19.76:79-1336**

WATSTORE user's guide [microform]. — [Reston, Va.?] : U.S. Geological Survey, [1979-

v. : ill. ; 28 cm. — (Open-file report ; 79-1336-I) "National Water Data Storage and Retrieval System." Microfiche. [Denver, Colo. : U.S. Geological Survey, 1979?]. 3 microfiches ; 11 x 15 cm. Contents: v. 4., ch. 1. Instructions for peak flow file / by W.D. Lepkin ... [et al.] ●Item 624-H (microfiche)

1. Information storage and retrieval systems — Water resources development. 2. Information storage and retrieval systems — Water-supply. I. Lepkin, W. D. (Wayne D.) II. Geological Survey (U.S.) III. Series: Open-file report (Geological Survey (U.S.)) ; 79-1336-I. OCLC 09319178

**83-11419**

**I 19.76:80-1044**

Geological Survey (U.S.)

Leasable mineral and waterpower land classification map of the Rock Springs quadrangle, Wyoming, Colorado : lands withdrawn, classified, and prospectively valuable for leasable minerals, occurrences of other selected minerals, and lands withdrawn or classified for waterpower and reservoir sites [microform] / compiled by Andrew F. Bateman, Jr., Elizabeth G. Allen, and John P. Kennedy ; United States Department of the Interior, Geological Survey. Scale 1:250,000 (W 110°—W 108°/N 42°—N 41°). —— [Reston, Va.?] : The Survey ; 1980.

2 maps ; 45 x 68 cm. (Open file report ; 80-1044) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1981?]. 1 microfiche ; 11 x 15 cm. Includes location maps and text. "Supersedes Open-file report no. 76-372." ●Item 624-H (microfiche)

1. Mines and mineral resources — Wyoming — Maps. 2. Mines and mineral resources — Colorado — Maps. 3. Water resources development — Wyoming — Maps. 4. Water resources development — Colorado — Maps. 5. Wyoming — Maps. 6. Colorado — Maps. I. Batemen, Andrew F. II. Allen, Elizabeth G. III. Kennedy, John P., 1926- IV. Title. V. Series: Open-file report (Geological Survey (U.S.)) ; 80-1044. OCLC 09269367

**83-11420**

**I 19.76:80-1155**

Smith, Albert T.

Earthquake risk analysis using numerical and stochastic models of time-dependent strain fields [microform] / Albert Smith ; United States Department of the Interior. — [Reston, Va.?] : U.S. Geological Survey, [1980]

1 v. : ill. ; 28 cm. — (Open file report ; 80-1155) "Earth Sciences Board, University of California." "USGS contract no. 14-08-0001-G0399, supported by the Earthquake Hazards Reduction Program." Microfiche. [Denver, Colo. : U.S. Geological Survey, 1981?]. 4 microfiches; 11 x 15 cm. Bibliography: p. 63-71. ●Item 624-H (microfiche)

1. Seismology — Mathematical models. I. Geological Survey (U.S.) II. University of California, Santa Cruz. Earth Sciences Board. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 80-1155. OCLC 09263509

**83-11421**

**I 19.76:80-1217**

Seitz, Harold R.

Ground-water quality downgradient from copper-ore milling wastes at Weed Heights, Lyon County, Nevada [microform] / by Harold R. Seitz, A.S. Van Denburgh, and Richard J. La Camera ; prepared in cooperation with the Nevada Division of Environmental Protection ; United States Department of the Interior, Geological Survey. — Carson City, Nev. : The Survey, 1982.

1 v. : ill., maps ; 28 cm. — (Open-file report ; 80-1217) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 48. ●Item 624-H (microfiche)

1. Water quality — Nevada — Lyon County. 2. Water, Underground — Nevada — Lyon County. I. Van Denburgh, A. S. II. La Camera, Richard J. III. Nevada. Division of Environmental Protection. IV. Geological Survey (U.S.) V. Title. VI. Series: Open-file report (Geological Survey (U.S.)) ; 80-1217. OCLC 09318600

**83-11422**

**I 19.76:80-1286**

Proposed monitoring network for ground-water quality, Las Vegas Valley, Nevada [microform] / by A.S. Van Denburgh ... [et al.] ; prepared in cooperation with the Nevada Division of Environmental Protection ; United States Department of the Interior, Geological Survey. — Carson City, Nev. : The Survey, 1982.

1 v. : maps ; 28 cm. — (Open-file report ; 80-1286) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 2 microfiches ; 11 x 15 cm. Bibliography: p. 24-25. ●Item 624-H (microfiche)

1. Water quality — Nevada — Las Vegas Valley. 2. Water, Underground — Nevada — Las Vegas Valley. I. Van Denburgh, A. S. II. Nevada. Division of Environmental Protection. III. Geological Survey (U.S.) IV. Series: Open-file report (Geological Survey (U.S.)) ; 80-1286. OCLC 09246425

**83-11423**

**I 19.76:81-193**

A Lead-isotope study of mineralization in the Arabian Shield [microform] / by John S. Stacey ... [et al.]. — Jiddah, Saudi Arabia : U.S. Geological Survey, 1981.

1 v. : ill., map ; 28 cm. — (Technical record ; 8) (Open-file report ; 81-193) (Interagency report ; 347) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1981?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 26-30. ●Item 624-H (microfiche)

1. Uranium-lead dating. I. Stacey, John S. II. Geological Survey (U.S.) III. Series: Technical record (Geological Survey (U.S.). Saudi Arabian Project) ; 8. IV. Series: Open-file report (Geological Survey (U.S.)) ; 81-193. V. Series: Interagency report (Geological Survey (U.S.)) ; 347. OCLC 09263819

**83-11424**

**I 19.76:81-394**

High resolution seismic reflection profiles collected from offshore northern California after the November 8, 1980 earthquake [micro-form] / by M.E. Field ... [et al.] ; United States Department of the Interior, Geological Survey. — [Reston, Va.?] : The Survey, 1982.

1 v. : ill., maps ; 28 cm. — (Open-file report ; 81-394) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 2 microfiches ; 11 x 15 cm. ●Item 624-H (microfiche)

1. Earthquakes — California — Charts, diagrams, etc. 2. Seismic prospecting — California — Charts, diagrams, etc. I. Field, M. E. II. Geological Survey (U.S.) III. Series: Open-file report (Geological Survey (U.S.)) ; 81-394. OCLC 09246384

**83-11425**

**I 19.76:81-571**

Dzurisin, Daniel.

Changed magma budget since 1975 at Kilauea volcano, Hawaii [microform] / by Daniel Dzurisin and Robert Y. Koyanagi ; United States Department of the Interior, Geological Survey. — [Reston, Va.?] : The Survey, [1981]

1 v. : ill., maps ; 28 cm. — (Open-file report ; 81-571) "U.S. Geological Survey, Hawaiian Volcano Observatory, Hawaii Vocanoes National Park." Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 23-24. ●Item 624-H (microfiche)

1. Volcanism — Hawaii — Kilauea Volcano. I. Koyanagi, Robert Y., 1934- II. Geological Survey (U.S.) III. Hawaii Volcanoes National Park (Hawaii) IV. Hawaiian Volcano Observatory. V. Title. VI. Series: Open-file report (Geological Survey U.S.)) ; 81-571. OCLC 09263877

**83-11426**

**I 19.76:81-752**

Leach, D. L.

Basic data report and geochemical summary for stream sediments, heavy-mineral concentrates, rocks, and waters from the Golden Trout Wilderness, California [microform] / by D.L. Leach, R.J. Goldfarb, and J.A. Domenico. — [Reston, Va.?] : U.S. Dept. of the Interior, Geological Survey, [1981]

1 v. : ill., 2 maps ; 28 cm. — (Open-file report ; 81-752) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1981]. 4 microfiches ; 11 x 15 cm. Bibliography: p. 38-40. ●Item 624-H (microfiche)

1. Geochemistry — California. 2. Heavy minerals — California. I. Goldfarb, R. J. II. Domenico, J. A. III. Geological Survey (U.S.) IV. Title. V. Series: Open-file report (Geological Survey (U.S.)) ; 81-752. OCLC 09267905

**83-11427**

**I 19.76:81-980**

Flanigan, Vincent J., 1925-

A slingram survey at Yucca Mountain on the Nevada Test Site [microform] / by Vincent J. Flanigan ; prepared by the U.S. Geological Survey for the Nevada Operations Office, U.S. Department of Energy. — [Reston, Va.?] : The Survey, 1981.

1 v. : ill., maps ; 28 cm. — (Open-file report ; 81-980) "Memorandum of Understanding DE-A108-78ET44802." Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 24. ●Item 624-H (microfiche)

1. Faults (Geology) — Nevada — Yucca Mountain. 2. Radioactive waste disposal in the ground — Nevada — Yucca Mountain. I. Geological Survey (U.S.) II. United States. Dept. of Energy. Nevada Operations Office. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 81-980. OCLC 09246321

**83-11428**

**I 19.76:81-1093**

Geological Survey (U.S.)

Geologic map of the Cove Fort quadrangle, west-central Utah [microform] / by Thomas A. Steven and Hal T. Morris ; Department of the Interior, United States Geological Survey. Scale 1:62,500 (W 112°45'—W 112°30'/N 38°45'—N 38°30'). —— [Reston, Va.?] : The Survey, 1981.

1 map 1 text (14 p. ; 28 cm.) (Open-file report ; 81-1093) Microfiche title: Preliminary geologic map of the Cove Fort

quadrangle, west-central Utah. Contour interval 40 ft. Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 2 microfiche ; 11 x 15 cm. Includes location map and geologic cross sections. ●Item 624-H (microfiche)

1. Geology — Utah — Maps. 2. Utah — Maps. I. Steven, Thomas August, 1917- II. Morris, H. T. (Hal Tryon), 1920- III. Title. IV. Title: Preliminary geologic map of the Cove Fort quadrangle, west-central Utah. V. Series: Open-file report (Geological Survey (U.S.)) ; 81-1093. OCLC 09265682

**83-11429**

**I 19.76:81-1337**

Anderson, Lennart A., 1926-

Rock property analysis of core samples from the Calico Hills UE25a-3 borehole, Nevada Test Site, Nevada [microform] / by Lennart A. Anderson ; prepared by the U.S. Geological Survey for Nevada Operations Office, U.S. Department of Energy. — [Reston, Va.?] : The Survey, 1981.

1 v. : ill., 1 map ; 28 cm. — (Open-file report ; 81-1337) "(Memorandum of Understanding EW-78-A-08-1543)" Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 30. ●Item 624-H (microfiche)

1. Borings — Nevada. 2. Rocks — Analysis. I. Geological Survey (U.S.) II. United States. Dept. of Energy. Nevada Operations Office. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 81-1337. OCLC 09267778

**83-11430**

**I 19.76:81-1338**

Anderson, Lennart A., 1926-

Rock property analysis of core samples from the Yucca Mountain UE25a-1 borehole, Nevada Test Site, Nevada [microform] / by Lennart A. Anderson ; prepared by the U.S. Geological Survey for Nevada Operations Office, U.S. Department of Energy. — [Reston, Va.?] : The Survey, 1981.

1 v. : ill., 1 map ; 28 cm. — (Open-file report ; 81-1338) "(Memorandum of Understanding EW-78-A-08-1543)" Microfiche. [Denver, Colo. : U.S. Geological Survey, 1981?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 35-36. ●Item 624-H (microfiche)

1. Borings — Nevada. 2. Rocks — Analysis. I. Geological Survey (U.S.) II. United States. Dept. of Energy. Nevada Operations Office. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 81-1338. OCLC 09267749

**83-11431**

**I 19.76:82-27**

Samuels, William B.

An oilspill risk analysis for the Mid-Atlantic (proposed sale 76) Outer Continental Shelf lease area [microform] / by William B. Samuels and Dorothy Hopkins. — [Reston, Va.?] : U.S. Geological Survey, [1982]

1 v. : ill., maps ; 28 cm. — (Open-file report ; 82-27) "April 1982." Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 3 microfiches ; 11 x 15 cm. Bibliography: p. 84-85. ●Item 624-H (microfiche)

1. Oil spills — Atlantic Coast (U.S.) I. Hopkins, Dorothy. II. Geological Survey (U.S.) III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 82-27. OCLC 09267841

**83-11432**

**I 19.76:82-152**

Blanchard, Stephen F.

Water quality of the tidal Potomac River and estuary : hydrologic data report, 1980 water year / Stephen F. Blanchard, Richard H. Coupe, Jr., and Joan C. Woodward. — Reston, Va. : U.S. Dept. of the Interior, Geological Survey, 1982.

i, 330 p. : ill., 4 maps ; 28 cm. — (U.S. Geological Survey open-file report ; 82-152) Chiefly tables. "Prepared as part of a continuing study of the Potomac River estuary"—Cover. Bibliography: p. 17-18. ●Item 624-H (microfiche)

1. Water quality — Potomac River. I. Coupe, Richard H. II. Woodward, Joan C. III. Geological Survey (U.S.) IV. Title. V. Series: Open-file report (Geological Survey (U.S.)) ; 82-152. 82-601950 OCLC 08603559

**83-11433**

**I 19.76:82-154**

Causaras, Carmen R.

Annotated bibliography of the geology and hydrology of the surficial aquifers in Dade, Broward, and Palm Beach Counties, Florida [microform] / by Carmen R. Causaras ; prepared in cooperation with the South Florida Water Management District ; United States Department of the Interior, Geological Survey.. — Tallahassee, Fla. : The Survey, 1982.

1 v. ; 28 cm. — (Open-file report ; 82-154) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. ●Item 624-H (microfiche)

1. Geology — Florida — Bibliography. 2. Water, Underground — Florida — Bibliography. I. South Florida Water Management District. II. Geological Survey (U.S.) III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 82-154. OCLC 09269501

**83-11434**

**I 19.76:82-218**

Smith, Cole L.

Reconnaissance investigation of evaporites in the Al Qasab and Rayda areas, Kingdom of Saudi Arabia [microform] / by Cole L. Smith. — Jiddah, Saudi Arabia : Ministry of Petroleum and Mineral Resources : Deputy Ministry for Mineral Resources, 1981.

1 v. : 4 maps ; 28 cm. — (Open-file report ; USGS 82-218) (Interagency report ; 414) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1981?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 8. ●Item 624-H (microfiche)

1. Evaporites — Saudi Arabia — Riyadh. I. Geological Survey (U.S.) II. Title. III. Series: Open-file report (Geological Survey (U.S.)) ; 82-218. IV. Series: Interagency report (Geological Survey (U.S.)) ; 414. OCLC 09269630

**83-11435**

**I 19.76:82-221**

Geological Survey (U.S.)

Geologic map of the Tule Springs quadrangle, San Diego County, California [microform] / by Victoria R. Todd ; Department of the Interior, U.S. Geological Survey. Scale 1:24,000 (W 116°45'00"—W 116°37'30"/N 33°00'00"—N 32°52'30"). —— [Reston, Va.?] : The Survey ; 1982.

1 map 1 text (23, [8] p. : ill., maps ; 28 cm.) (Open-file report ; 82-221) Contour interval 40 ft. Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 2 microfiche ; 11 x 15 cm. Includes geologic cross section. ●Item 624-H (microfiche)

1. Geology — California — San Diego County — Maps. 2. San Diego County (Calif.) — Maps. I. Todd, Victoria R. (Victoria Roy) II. Title. III. Series: Open-file report (Geological Survey (U.S.)) ; 82-221. OCLC 09269454

**83-11436**

**I 19.76:82-232**

Nakassis, Anastase.

Has offshore oil production become safer? [microform] / by Anastase Nakassis. — [Reston, Va.?] : U.S. Geological Survey, 1982.

1 v. : ill. ; 28 cm. — (U.S. Geological Survey Open-file report ; 82-232) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982]. 1 microfiche ; 11 x 15 cm. Bibliography: leaf 26. ●Item 624-H (microfiche)

1. Offshore oil industry — United States — Safety measures. I. Geological Survey (U.S.) II. Title. III. Series: Open-file report (Geological Survey (U.S.)) ; 82-232. OCLC 09284858

**83-11437**

**I 19.76:82-256**

Langbein, Walter Basil, 1907-

Dams, reservoirs and withdrawals for water supply : historic trends [microform] / by Walter B. Langbein. — [Reston, Va.] : U.S. Geological Survey, 1982.

1 v. : ill. ; 28 cm. — (Open-file report ; 82-256) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 9. ●Item 624-H (microfiche)

1. Dams — United States. 2. Reservoirs — United States. I. Geological Survey (U.S.) II. Title. III. Series: Open-file report (Geological Survey (U.S.)) ; 82-256. OCLC 09265635

**83-11438**

**I 19.76:82-343**

Ryals, G. N.

Regional geohydrology of the northern Louisiana salt-dome basin : part I, conceptual model and data needs [microform] / by G.N. Ryals ; prepared in cooperation with the U.S. Department of Energy ; United States Department of the Interior, Geological Survey. — Baton Rouge, La. : The Survey, 1982.

1 v. : ill., maps ; 28 cm. — (Open-file report ; 82-343) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 19-20. ●Item 624-H (microfiche)

1. Water, Underground — Louisiana. 2. Hydrology — Louisiana. I. United States. Dept. of Energy. II. Geological Survey (U.S.) III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 82-343. OCLC 09246365

**83-11439**

**I 19.76:82-344**

Alley, William M.

Distributed routing rainfall-runoff model : version II [microform] / by William M. Alley and Peter E. Smith ; United States Department of the Interior, Geological Survey. — [Reston, Va.?] : The Survey, [1982?]

1 v. : ill., 1 map ; 28 cm. — (Open-file report ; 82-344) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 3 microfiches ; 11 x 15 cm. Bibliography: p. 39-40. ●Item 624-H (microfiche)

1. Urban runoff — Data processing. 2. Storm sewers — Mathematical models. I. Smith, P. E. (Peter Edward), 1953- II. Geological Survey (U.S.) III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 82-344. OCLC 09267719

**83-11440**

**I 19.76:82-355**

Franklin, Marvin A.

Methodology for stormwater runoff investigation, urban Leon County, Florida [microform] / by Marvin A. Franklin ; prepared in cooperation with Leon County, Florida. — [Tallahassee, Fla.] : U.S. Geological Survey, 1982.

1 v. : ill., map ; 28 cm. — (Open-file report ; 82-355) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 14-15. ●Item 624-H (microfiche)

1. Urban runoff — Florida — Leon County. I. Leon County (Fla.) II. Geological Survey (U.S.) III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 82-355. OCLC 09263774

**83-11441**

**I 19.76:82-380**

McKee, Edwin H.

Mineral resources of the Buttermilk Roadless Area, Inyo County, California [microform] / by Edwin H. McKee and Stephen R. Iverson ; United States Department of the Interior, Geological Survey. — [Reston, Va.?] : The Survey, 1982.

1 v. : ill., maps ; 28 cm. — (Open-file report ; 82-380) "U.S. Bureau of Mines." Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: leaf 10. ●Item 624-H (microfiche)

1. Mines and mineral resources — California — Inyo County. I. Iverson, Stephen R. II. Geological Survey (U.S.) III. United States. Bureau of Mines. IV. Title. V. Series: Open-file report (Geological Survey (U.S.)) ; 82-380. OCLC 09246873

**83-11442**

**I 19.76:82-382**

McHugh, John B.

Radon survey of ground waters from Beaver and Milford basins, Utah [microform] / by J.B. McHugh and W.R. Miller ; United States Department of the Interior, Geological Survey. — [Reston, Va.?] : The Survey, 1982.

1 v. : ill., maps ; 28 cm. — (Open-file report ; 82-382) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 13. ●Item 624-H (microfiche)

1. Water, Underground — Utah. I. Miller, W. R. II. Geological Survey (U.S.) III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 82-382. OCLC 09263677

**83-11443**

**I 19.76:82-396**

Newhall, Christopher G.

A method for estimating intermediate- and long-term risks from volcanic activity, with an example from Mount St. Helens, Washington [microform] / by Christopher G. Newhall ; United States Department of the Interior, Geological Survey. — [Reston, Va.?] : The Survey, 1982.

1 v. : maps ; 28 cm. — (Open-file report ; 82-396) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 20-22. ●Item 624-H (microfiche)

1. Volcanic activity prediction. 2. Saint Helens, Mount (Wash.) I. Geological Survey (U.S.) II. Title. III. Series: Open-file report (Geological Survey (U.S.)) ; 82-396. OCLC 09267864

**83-11444**

**I 19.76:82-397**

Paskevich, Valerie F.

MRNIDX, marine data index : database description, operation, retrieval, and display [microform] / by Valerie F. Paskevich ; United States Department of the Interior, Geological Survey. — [Reston, Va.?] : The Survey, 1982.

1 v. : ill. ; 28 cm. — (Open-file report ; 82-397) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 32. ●Item 624-H (microfiche)

1. Information storage and retrieval systems — Geology. 2. Submarine geology — Data processing. I. Geological Survey (U.S.) II. Title. III. Series: Open-file report (Geological Survey (U.S.)) ; 82-397. OCLC 09267885

**83-11445**

**I 19.76:82-405**

Plouff, Donald.

Gravity observations in the Walker Lake 1°x 2° quadrangle, California-Nevada [microform] / by Donald Plouff. — [Reston, Va.?] : U.S. Geological Survey, [1982?]

1 v. : ill., 1 map ; 28 cm. — (Open-file report ; 82-405) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 2 microfiches ; 11 x 15 cm. Bibliography: p. 16-18. ●Item 624-H (microfiche)

1. Gravity — California. 2. Gravity — Nevada. I. Geological Survey (U.S.) II. Title. III. Series: Open-file report (Geological Survey (U.S.)) ; 82-405. OCLC 09263486

**83-11446**

**I 19.76:82-410**

Latitude, longitude, and California Lambert coordinates for 229 wells in the Geysers geothermal field, California [microform] / compiled by Marshall J. Reed. — Menlo Park, Calif. : U.S. Geological Survey, [1982?]

1 v. ; 28 cm. — (Open-file report ; 82-410) Chiefly tables. Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. ●Item 624-H (microfiche)

1. Geothermal resources — California. I. Reed, Marshall J. II. Geological Survey (U.S.) III. Series: Open-file report (Geological Survey (U.S.)) ; 82-410. OCLC 09246960

**83-11447**

**I 19.76:82-421**

Geochemical analysis of potash mine seep oils, collapsed breccia pipe oil shows and selected crude oils, Eddy County, New Mexico [microform] / by J.G. Palacas ... [et al.] ; United States Department of the Interior, Geological Survey. — [Reston, Va.?] : The Survey, [1982?]

1 v. : ill., maps ; 28 cm. — (Open-file report ; 82-421) Micorfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 15. ●Item 624-H (microfiche)

1. Petroleum — New Mexico — Eddy County. 2. Geochemistry, Analytic. I. Palacas, J. G. II. Geological Survey (U.S.) III. Series: Open-file report (Geological Survey (U.S.)) ; 82-421. OCLC 09269416

**83-11448**

**I 19.76:82-456**

Bucurel, H. G.

Section B-B', subsurface correlation of some Upper Cretaceous and Tertiary rocks, Great Divide Basin, Wyoming [microform] / by H.G. Bucurel ; prepared in cooperation with the U.S. Department of Energy. — [Reston, Va.?] : Dept. of the Interior, U.S. Geological Survey, 1982.

1 v. : ill., 1 map ; 28 cm. — (Open-file report ; 82-456) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. ●Item 624-H (microfiche)

1. Petroleum — Geology — Wyoming. I. Geological Survey (U.S.) II. United States. Dept. of Energy. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 82-456. OCLC 09263731

**83-11449**

**I 19.76:82-457**

Carr, Wilfred James, 1926-

Volcano-tectonic history of Crater Flat, southwestern Nevada, as suggested by new evidence from drill hole USW-VH-1 and vicinity [microform] / by W.J. Carr ; United States Department of the Interior, Geological Survey. — [Reston, Va.] : The Survey, [1982?]

1 v. : ill., maps ; 28 cm. — (Open-file report ; 82-457) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 23. ●Item 624-H (microfiche)

1. Borings — Nevada. 2. Geology, Structural. I. Geological Survey (U.S.) II. Title. III. Series: Open-file report (Geological Survey (U.S.)) ; 82-457. OCLC 09263758

**83-11450**

**I 19.76:82-458**

Ellis, William L.

Determination of the in situ state of stress at the Spent fuel test-Climax site, Climax stock, Nevada test site [microform] / by W.L. Ellis and J.E. Magner ; prepared by the U.S. Geological Survey for the Nevada Operations Office, U.S. Department of Energy (Interagency agreement DE-A108-76DP00474). — [Denver, Colo.] : The Survey, 1982.

1 v. : ill., maps ; 28 cm. — (Open-file report ; 82-458) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 22-23. ●Item 624-H (microfiche)

1. Borings — Nevada. 2. Strains and stresses. I. Magner, J. E. II. Geological Survey (U.S.) III. United States. Dept. of Energy. Nevada Operations Office. IV. Title. V. Series: Open-file report (Geological Survey (U.S.)) ; 82-458. OCLC 09284846

**83-11451**

**I 19.76:82-468-B**

Winters, William J.

Evaluation of geotechnical properties and slope stability of a calcareous ooze on the south-west slope off Oahu, Hawaii [microform] / by William J. Winters and Homa J. Lee ; United States Department of the Interior, Geoloical Survey. — Menlo Park, Calif. : The Survey, [1982]

1 v. : ill., maps ; 28 cm. — (Open-file report ; 82-468-B) "May 1982." Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 4 microfiches ; 11 x 15 cm. Bibliography: p. 24-26. ●Item 624-H (microfiche)

1. Slopes (Soil mechanics) — Hawaii — Oahu. I. Lee, Homa J. II. Geological Survey (U.S.) III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 82-468B. OCLC 09263792

**83-11452**

**I 19.76:82-470**

Fitterman, David V.

Computer program SPDIKE for calculation of self-potential anomalies near vertical dikes [microform] / by David V. Fitterman ; United States Department of the Interior, Geological Survey. — [Reston, Va.?] : The Survey, 1982.

1 v. : ill. ; 28 cm. — (Open-file report ; 82-470) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 9. ●Item 624-H (microfiche)

1. Gravity anomalies — Data processing. I. Geological Survey (U.S.) II. Title. III. Series: Open-file report (Geological Survey (U.S.)) ; 82-470. OCLC 09246495

**83-11453**

**I 19.76:82-479**

Cunningham, Charles G.

Multiple episodes of igneous activity, mineralization, and alteration in the western Tushar Mountains, Utah [microform] / by Charles G. Cunningham, Thomas A. Steven, and Charles W. Naeser ; United States Department of the Interior, Geological Survey. — [Reston, Va.?] : The Survey, 1982.

1 v. : maps ; 28 cm. — (Open-file report ; 82-479) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 16-18. ●Item 624-H (microfiche)

1. Geology — Utah. 2. Mines and mineral resources — Utah. I. Steven, Thomas August, 1917- II. Naeser, Charles

W. III. Geological Survey (U.S.) IV. Title. V. Series: Open-file report (Geological Survey (U.S.)) ; 82-479. OCLC 09269900

**83-11454**

**I 19.76:82-500**

Hildenbrand, T. G.

A description of colored gravity maps of the Basin and Range province, southwestern United States [microform] / by T.G. Hildenbrand and R.P. Kucks ; United States Department of the Interior, Geological Survey. — [Reston, Va.?] : The Survey, 1982.

1 v. : maps ; 28 cm. — (Open-file report ; 82-500) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 9. ●Item 624-H (microfiche)

1. Gravity anomalies — Southwestern States. I. Kucks, R. P. II. Geological Survey (U.S.) III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 82-500. OCLC 09263656

**83-11455**

**I 19.76:82-537**

A Field study of littoral processes in Estero Bay, California [microform] / by John R. Dingler ... [et al.] ; United States Department of the Interior, Geological Survey. — Menlo Park, Calif. : The Survey, [1982]

1 v. : ill., maps ; 28 cm. — (Open-file report ; 82-537) "June, 1982." Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 34-35. ●Item 624-H (microfiche)

1. Littoral drift — California — Estero Bay. I. Dingler, John R. II. Geological Survey (U.S.) III. Series: Open-file report (Geological Survey (U.S.)) ; 82-537. OCLC 09267925

**83-11456**

**I 19.76:82-538**

Arndt, Harold H.

Results of exploratory drilling for lignite in 1980, Fort Peck Indian Reservation, Daniels, Roosevelt, and Sheridan Counties, Montana [microform] / by Harold H. Arndt, John K. Hardie, and Thomas M. Kehn ; United States Department of the Interior, Geological Survey. — [Reston, Va.?] : The Survey, 1982.

1 v. : ill., maps ; 28 cm. — (Open-file report ; 82-538) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 2 microfiches ; 11 x 15 cm. Bibliography: leaves 106-107. ●Item 624-H (microfiche)

1. Lignite — Montana. 2. Geophysical well logging. I. Hardie, John K. II. Kehn, Thomas M. III. Geological Survey (U.S.) IV. Title. V. Series: Open-file report (Geological Survey (U.S.)) ; 82-538. OCLC 09246895

**83-11457**

**I 19.76:82-576**

Flores, Romeo M.

Use of geophysical logs in recognizing depositional environments in the Tongue River Member of the Fort Union Formation, Powder River area, Wyoming and Montana [microform] / by R.M. Flores, J.C. Toth, and T.A. Moore ; United States Department of the Interior, Geological Survey. — [Reston, Va.?] : The Survey, 1982.

1 v. : ill., 1 map ; 28 cm. — (Open-file report ; 82-576) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 21-22. ●Item 624-H (microfiche)

1. Geophysical well logging. I. Toth, J. C. II. Moore, T. A. III. Geological Survey (U.S.) IV. Title. V. Series: Open-file report (Geological Survey (U.S.)) ; 82-576. OCLC 09269344

**83-11458**

**I 19.76:82-586**

Minkler, Peter W.

A summary of U.S. Geological Survey marine geologic data collected in the Beaufort Sea, Alaska, July through August 1981 [microform] / by Peter W. Minkler, Erk Reimnitz and Peter W. Barnes ; United States Department of the Interior, U.S. Geological Survey. — Menlo Park, Calif. : The Survey, [1982?]

1 v. : maps ; 28 cm. — (Open-file report ; 82-586) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. ●Item 624-H (microfiche)

1. Geological Survey (U.S.) 2. Submarine geology. 3. Geology — Beaufort Sea. I. Reimnitz, Erk. II. Barnes, Peter W. III. Geological Survey (U.S.) IV. Title. V. Series: Open-file report (Geological Survey (U.S.)) ; 82-586. OCLC 09269470

**83-11459**

**I 19.76:82-587**

Mossotti, V. G.

The determination of total volatiles in rocks by loss-on-fusion [microform] / by V.G. Mossotti and B. King ; United States Department of the Interior, Geological Survey. — [Reston, Va.?] : The Survey, [1982?]

1 v. : ill. ; 28 cm. — (Open-file report ; 82-587) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 16. ●Item 624-H (microfiche)

1. Rocks — Analysis. I. King, B. II. Geological Survey (U.S.) III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 82-587. OCLC 09263062

**83-11460**

**I 19.76:82-589**

Field, model and computer simulation study of some aspects of the origin and distribution of Colorado Plateau-type uranium deposits [microform] / by Frank G. Ethridge ... [et al.] ; United States Department of the Interior, Geological Survey. — [Reston, Va.?] : The Survey, 1982.

1 v. : ill., maps ; 28 cm. — (Open-file report ; 82-589) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 11 microfiche ; 11 x 15 cm. Bibliography: leaves 44-47. ●Item 624-H (microfiche)

1. Uranium ores — Colorado — Data processing. I. Ethridge, Frank G. II. Geological Survey (U.S.) III. Series: Open-file report (Geological Survey (U.S.)) ; 82-589. OCLC 09263644

**83-11461**

**I 19.76:82-613**

Geological Survey (U.S.)

Reconnaissance geologic map of the southeastern Misheguk Mountain quadrangle, Alaska [microform] / by C.F. Mayfield ... [et al.] ; Department of the Interior, United States Geological Survey. Scale 1:63,360 (W 160°00'—W 159°00'/N 68°40'—N 68°00'). —— [Reston, Va.?] : The Survey ; 1982.

1 map 1 text (39 p. : ill., maps ; 28 cm.) (Open file report ; OF 82-613) Contour interval 200 ft. Microfiche and text title: Explanation to accompany reconnaissance geologic map of southeastern Misheguk Mountain quadrangle. Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 2 microfiche ; 11 x 15 cm. Includes: Cross-sections to accompany the geologic map of southeastern Misheguk Mountain quadrangle, Alaska. ●Item 624-H (microfiche)

1. Geology — Alaska — Maps. 2. Alaska — Maps. I. Title. II. Title: Explanation to accompany reconnaissance geologic map of southeastern Misheguk Mountain quadrangle.

III. Series: Open-file report (Geological Survey (U.S.)) ; 82-613. OCLC 09269555

**83-11462**

**I 19.76:82-617-C**

Campbell, W. L.

Coordinates for and analytical values of 109 rock, 377 stream sediment and soil, and 237 panned-concentrate samples : included in the Butte 1°x 2°quadrangle between the latitudes of 46°30'00" and 47°00'00" N., and the longitudes of 113°00'00" and 113°30'00" W. [microform] / by W.L. Campbell, S.K. McDanal, and R.T. Hopkins, Jr. ; United States Department of the Interior, Geological Survey. — [Reston, Va.?] : The Survey, 1982.

1 v. : ill. ; 28 cm. — (Open-file report ; 82-617-C) Chiefly tables. Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 2 microfiches ; 11 x 15 cm. ●Item 624-H (microfiche)

1. Rocks — Analysis. 2. Geochemistry — Montana. I. McDanal, S. K. II. Hopkins, R. T. III. Geological Survey (U.S.) IV. Title. V. Series: Open-file report (Geological Survey (U.S.)) ; 82-617-C. OCLC 09289624

**83-11463**

**I 19.76:82-674**

Nilsen, Tor Helge

Sedimentology and stratigraphy of the Kanayut Conglomerate, central and western Brooks Range, Alaska : report of 1981 field station [microform] / by Tor H. Nilsen and Thomas E. Moore ; United States Department of the Interior, Geological Survey. — [Reston, Va.?] : The Survey, 1982.

1 v. : ill., maps ; 28 cm. — (Open-file report ; 82-674) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 62-64. ●Item 624-H (microfiche)

1. Sedimentation and deposition. 2. Conglomerate — Alaska — Brooks Range. I. Moore, T. E. II. Geological Survey (U.S.) III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 82-674. OCLC 09269377

**83-11464**

**I 19.76:82-706**

Geological Survey (U.S.)

Surficial geologic map of the Las Vegas 1°x 2° quadrangle, Nevada, Arizona, California, and Utah [microform] / by David L. Weide ; Department of the Interior, United States Geological Survey. Scale 1:250,000 ; Transverse Mercator proj. (W 116°—W 114°/N 37°—N 36°). —— [Reston, Va.?] : The Survey, 1982.

1 map 1 text (9 p. ; 28 cm.) (Open-file report ; 82-706) Contour interval 200 ft. Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 2 microfiche ; 11 x 15 cm. Includes location map. ●Item 624-H (microfiche)

1. Geology — Southwestern States — Maps. 2. Southwestern — Maps. I. Weide, David L. II. Title. III. Series: Open-file report (Geological Survey (U.S.)) ; 82-706. OCLC 09269495

**83-11465**

**I 19.76:82-710**

McGregor, Bonnie A.

Morphologic setting for core sites on the slope in the Baltimore Canyon Trough [microform] / by Bonnie A. McGregor ; United States Department of the Interior, Geological Survey. — [Reston, Va.?] : The Survey, 1982.

1 v. : ill., maps ; 28 cm. — (Open-file report ; 82-710) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 28-29. ●Item 624-H (microfiche)

1. Seismic prospecting — Atlantic Coast (U.S.) I. Geological Survey (U.S.) II. Title. III. Series: Open-file report (Geological Survey (U.S.)) ; 82-710. OCLC 09269449

**83-11466**

**I 19.76:82-732**

Bonilla, Manuel G., 1920-

Evaluation of potential surface faulting and other tectonic deformation [microform] / by M.G. Bonilla ; prepared with partial support from U.S. Nuclear Regulatory Commission ; United States Department of the Interior, Geological Survey. — Menlo Park, Calif. : The Survey, 1982.

1 v. : ill., maps ; 28 cm. — (Open-file report ; 82-732) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 73-88. ●Item 624-H (microfiche)

1. Faults (Geology) — United States. 2. Rock deformation — United States. I. Geological Survey (U.S.) II. U.S. Nuclear Regulatory Commission. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 82-732. OCLC 09263744

**83-11467**

**I 19.76:82-795**

Characteristics of mineral deposit occurrences [microform] / compiled by Ralph L. Erickson ; United States Department of the Interior, Geological Survey. — [Reston, Va.?] : The Survey, 1982.

1 v. : ill., maps ; 28 cm. — (Open-file report ; 82-795) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 3 microfiches ; 11 x 15 cm. Includes bibliographies. ●Item 624-H (microfiche)

1. Mines and mineral resources — United States — Addresses, essays, lectures. I. Erickson, Ralph Leroy, 192?- II. Geological Survey (U.S.) III. Series: Open-file report (Geological Survey (U.S.)) ; 82-795. OCLC 09246459

**83-11468**

**I 19.76:82-797**

Godson, Richard H.

CONTOUR : a modification of G.I. Evenden's general purpose contouring program [microform] / by Richard H. Godson and Michael W. Webring ; United States Department of the Interior, Geological Survey. — [Reston, Va.?] : The Survey, 1982.

1 v. : ill. ; 28 cm. — (Open-file report ; 82-797) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 27. ●Item 624-H (microfiche)

1. Contours (Cartography) — Data processing. I. Webring, Michael. II. Geological Survey (U.S.) III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 82-797. OCLC 09246924

**83-11469**

**I 19.77:34/2**

APSRS aerial photography summary record system. 34, Puerto Rico, Virgin Islands. [Reston, VA] : National Cartographic Information Center, National Mapping Division, U.S. Dept. of the Interior-Geological Survey, [1982- National Cartographic Information Center, 507 National Center, Reston, VA 22092

v. : maps ; 22 x 36 cm.

Annual

July 1982- Title from cover. July 1982. ●Item 625-A Continues: APSRS state-base graphics. 34, Puerto Rico, Virgin Islands

1. Puerto Rico — Aerial photographs — Catalogs. 2. Virgin Islands of the United States — Aerial photographs —

Catalogs. I. National Cartographic Information Center. OCLC 09246328

## WATER AND POWER RESOURCES SERVICE
### Interior Dept.
### Washington, DC 20240

**83-11470**

**I 27.2:C 11/6**

Cachuma project : California, Santa Barabara County / Mid-Pacific Region, Bureau of Reclamation. — [Washington, D.C.?] : the Bureau, 1982.

6 p. : ill., maps ; 30 cm. Caption title. "Region revision 5/82 (from Project data book)"—P. 1. ●Item 660

1. Water resources development — California — Santa Barbara County. 2. Dams — California — Santa Barbara County. I. United States. Bureau of Reclamation. Mid-Pacific Regional Office. OCLC 09264335

**83-11471**

**I 27.2:H 88/3**

Humboldt project : Nevada, Pershing County / Mid-Pacific Region, Bureau of Reclamation. — [Washington, D.C.?] : The Bureau, 1982.

6 p. : ill., maps ; 30 cm. ●Item 660

1. Water resources development — Nevada — Pershing County. 2. Dams — Nevada — Pershing County. 3. Reservoirs — Nevada — Pershing County. I. United States. Bureau of Reclamation. Mid-Pacific Regional Office. OCLC 09303638

**83-11472**

**I 27.60:81-12**

Eisenhauer, Roy J.

Development of an automated plugging factor monitor / by R.J. Eisenhauer, C.G. Goodner. — Denver, Colo. : Applied Sciences Branch, Division of Research, Engineering and Research Center, U.S. Dept. of the Interior, Bureau of Reclamation ; Springfield, Va. : Available from the National Technical Information Service, [1981]

i, 12 p. : ill. ; 27 cm. "December 1981." Includes bibliographical references. "REC-ERC-81-12." ●Item 664-F

1. Saline water conversion plants — United States — Incrustations. I. Goodner, C. G. II. United States. Bureau of Reclamation. Engineering and Research Center. Applied Sciences Branch. III. Title. OCLC 09293729

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**83-11473**

**I 28.3:672**

Pankratz, L. B.

Thermodynamic properties of elements and oxides / by L.B. Pankratz ; with a section on process applications by R.V. Mrazek. — Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines : For sale by the Supt. of Docs., U.S. G.P.O., [1982?]

v, 509 p. : ill. ; 29 cm. — (Bulletin ; 672) Chiefly tables. Bibliography: p. 491-509. ●Item 636 S/N 024-004-02101-2 @ GPO $17.00

1. Chemical elements — Thermal properties — Tables. 2. Oxides — Thermal properties — Tables. I. Mrazek, R. V. (Robert V.) II. United States. Bureau of Mines. III. Title. IV. Series: Bulletin (United States. Bureau of Mines) ; 672. QD466.P36 1982 82-600178 541.3/69 ¢2 19 OCLC 08476714

**83-11474**

**I 28.23:8715**

Hughlett, R. E. (R. Emmett)

Statistical approach to the analysis of bias and precision in reusable gas-detecting devices / by R. Emmett Hughlett and George H. Schnakenberg, Jr. — Pgh. [i.e. Pittsburgh], Pa. : U.S. Dept. of the Interior, Bureau of Mines, 1982.

ii, 27 p. : ill. ; 28 cm. — (Report of investigations ; 8715) Bibliography: p. 25. ●Item 637-A

1. Mine gases — Measurement — Equipment and supplies. 2. Gas-detectors — Testing — Statistical methods. I. Schnakenberg, G. H. (George H.) II. United States. Bureau of Mines. III. Title. IV. Series: Report of investigations (United States. Bureau of Mines) ; 8715. TN23.U43 no. 8715 82-600173 [TN305] 622 s [622/.8 ¢2 19] OCLC 08476710

**83-11475**

**I 28.23:8724**

Higley, L. W. (Leo W.)

In-plant recycling of stainless and other specialty steelmaking wastes / by L.W. Higley, Jr., R.L. Crosby, and L.A. Neumeier. — Pgh. [i.e. Pittsburgh], Pa. : U.S. Dept. of the Interior, Bureau of Mines, 1982.

16 p. : ill. ; 28 cm. — (Report of investigations ; 8724) Bibliography: p. 16. ●Item 637-A

1. Steel-works — By-products — Recycling. I. Crosby, R. L. (Robert Lynn), 1931- II. Neumeier, L. A. III. United States. Bureau of Mines. IV. Title. V. Series: Report of investigations (United States. Bureau of Mines) ; 8724. TN23.U43 no. 8724 82-600248 [TD794.5] 622 s [669/.142 ¢2 19] OCLC 08730072

**83-11476**

**I 28.23:8728**

Rule, A. R. (Albert R.)

Application of carbonate-silica flotation techniques to western phosphate materials / by A.R. Rule, D.E. Larson, and C.B. Daellenbach. — Pgh. [i.e. Pittsburgh], Pa. : U.S. Dept. of the Interior, Bureau of Mines, 1982.

13 p. : ill. ; 28 cm. — (Report of investigations ; 8728) Bibliography: p. 13. ●Item 637-A

1. Flotation. 2. Phosphates — West (U.S.) 3. Carbonates. 4. Silica. I. Larson, D. E. (Darrell E.) II. Daellenbach, C. B. III. United States. Bureau of Mines. IV. Title. V. Series: Report of investigations (United States. Bureau of Mines) ; 8728. TN23.U43 82-600274 [TN523] 622 s [622/.364 ¢2 19] OCLC 08765626

**83-11477**

**I 28.23:8730**

Maksimovic, S. D.

Sealing openings in abandoned mines by pneumatic stowing / by Slavoljub D. Maksimovic and Jennings R. Lipscomb. — Pgh. [i.e. Pittsburgh], Pa. : U.S. Dept. of the Interior, Bureau of Mines, [1982?]

ii, 26 p. : ill. ; 28 cm. — (Report of investigations ; 8730) Includes bibliographical references. ●Item 637-A

1. Mine filling. 2. Stone, Crushed. 3. Gravel. 4. Sand. 5. Compressed air. I. Lipscomb, Jennings R. II. United States. Bureau of Mines. III. Title. IV. Series: Report of investigations (United States. Bureau of Mines) ; 8730. TN23.U43 no. 8730 82-600239 [TN292] 622 s [622/.8 ¢2 19] OCLC 08689233

**83-11478**

**I 28.23:8732**

Raymon, N. S. (Nancy S.)

Influence of selected additives and $CaO:SiO_2$ ratio on high temperature strength of MgO refractories / by Nancy S. Raymon. — Pgh. [i.e. Pittsburgh], Pa. : U.S. Dept. of the Interior, Bureau of Mines, 1982.

8 p. ; 28 cm. — (Report of investigations ; 8732) Includes bibliographical references. ●Item 637-A

1. Refractory materials. 2. Magnesia. 3. Oxides. 4. Materials at high temperatures. I. United States. Bureau of Mines. II. Title. III. Series: Report of investigations (United States. Bureau of Mines) ; 8732. TN23.U43 82-600284 [TA418.26] 622 s [666/.72 ¢2 19] OCLC 08765638

**83-11479**

**I 28.27:8841**

The Noise exposure of operators of mobile machines in U.S. surface coal mines, 1979 / by J.H. Daniel ... [et al.]. — Pgh. [i.e. Pittsburgh], Pa. : U.S. Dept. of the Interior, Bureau of Mines, 1981.

24 p. : ill. ; 27 cm. — (Information circular ; 8841) Includes bibliographical references. ●Item 637-A

1. Coal-mining machinery — Noise. 2. Noise — Physiological effect. 3. Coal mines and mining — United States — Safety measures. I. Daniel, J. H. II. United States. Bureau of Mines. III. Series: Information circular (United States. Bureau of Mines) ; 8841. TN295.U4 no. 8841 80-607786 [TN813] 622 s [363.7/41 ¢2 19] OCLC 06734964

**83-11480**

**I 28.27:8857**

Bureau of Mines Technology Transfer Workshop (1981 : Denver, Colo.)

Mine waste disposal technology : proceedings, Bureau of Mines Technology Transfer Workshop, Denver, Colo., July 16, 1981 / compiled by Staff, Minerals Research. — Pgh. [i.e.] Pittsburgh, Pa. : U.S. Dept. of the Interior, Bureau of Mines, 1981.

iii, 70 p. : ill. ; 28 cm. — (Information circular ; 8857) Includes bibliographies. ●Item 637-A

1. Mines and mineral resources — Waste disposal — Congresses. 2. Coal mine waste — Congresses. I. United States. Bureau of Mines. Minerals Research. II. Technology Transfer Workshop on Mine Waste Disposal Technology (1981 : Denver, Colo.) III. Title. IV. Series: Information circular (United States. Bureau of Mines) ; 8857. TN295.U4 81-607857 [TD899.M5] 622 s [622/.2 ¢2 19] OCLC 07577035

**83-11481**

**I 28.27:8862**

Johnson, Wilton.

Land utilization and reclamation in the mining industry, 1930-80 / by Wilton Johnson and James Paone. — [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, [1982?]

22 p. : ill. ; 28 cm. — (Information circular ; 8862) ●Item 637-A

1. Mines and mineral resources — United States. 2. Reclamation of land — United States. I. Paone, James. II. United States. Bureau of Mines. III. Title. IV. Series: Information circular (United States. Bureau of Mines) ; 8862. TN295.U4 81-038489 [TN23] 622 s [333.73 ¢2 19] OCLC 07737132

**83-11482**

**I 28.27:8864**

Moebs, Noel N.

The relation of geology to mine roof conditions in the Pocahontas No. 3 coalbed / by Noel N. Moebs and John C. Ferm. — Pgh. [i.e. Pittsburgh], Pa. : U.S. Dept. of the Interior, Bureau of Mines, [1982?]

8 p. : ill. ; 28 cm. — (Information circular ; 8864) Includes bibliographical references. ●Item 637-A

1. Coal mines and mining — West Virginia — Pocahontas County — Safety measures. 2. Coal mines and mining — Virginia — Safety measures. 3. Geology, Stratigraphic. 4. Ground control (Mining) 5. Rock bursts. I. Ferm, John C. II. United States. Bureau of Mines. III. Title. IV. Series: Information circular (United States. Bureau of Mines) ; 8864. TN295.U4 no. 8864 81-607819 622 s [622/.334/09754873 ¢2 19] OCLC 07597180

**83-11483**

**I 28.27:8865**

Bureau of Mines Technology Transfer Seminars (1981 : Denver, Colo. and St. Louis, Mo.)

Underground metal and nonmetal mine fire protection : proceedings, Bureau of Mines Technology Transfer Seminars, Denver, Colo., Nov. 3, 1981, and St. Louis, Mo., Nov. 6, 1981 / by staff, Bureau of Mines. — Pgh. [i.e. Pittsburgh], Pa. : U.S. Dept. of the Interior, Bureau of Mines, 1981.

iii, 150 p. : ill. ; 27 cm. — (Information circular ; 8865) Includes bibliographical references. ●Item 637-A

1. Mine fires — Congresses. I. United States. Bureau of Mines. II. Title. III. Series: Information circular (United States. Bureau of Mines) ; 8865. TN295.U4 no. 8865 82-125615 [TN315] 622 s [622/.8 ¢2 19] OCLC 08070025

**83-11484**

**I 28.27:8866**

Bureau of Mines Technology Transfer Seminars (1981 : Pittsburgh, Pa., etc.)

Ergonomics-human factors in mining ; proceedings, Bureau of Mines Technology Transfer Seminars, Pittsburgh, Pa., December 3, 1981, St. Louis, Mo., December 10, 1981, and Denver, Colo., December 15, 1981 / compiled by staff, Pittsburgh Research Center. — Pgh. [i.e. Pittsburgh], Pa. : U.S. Dept. of the Interior, Bureau of Mines, 1981.

167 p. : ill. 27 cm. — (Information circular ; 8866) Includes bibliographies. ●Item 637-A

1. Mining engineering — Congresses. 2. Human engineering — Congresses. I. Pittsburgh Research Center. II. United States. Bureau of Mines. III. Title. IV. Series: Information circular (United States. Bureau of Mines) ; 8866. TN295.U4 81-607114 [TN5] 622 s [622] OCLC 08070046

**83-11485**

**I 28.27:8872**

Minerals health and safety in-house and contract research, development, and demonstration in fiscal year 1982 / by Staff, Division of Minerals Health and Safety Technology. — Pgh. [Pittsburgh], Pa. : U.S. Dept. of the Interior, Bureau of Mines, 1982.

ii, 48 p. ; 28 cm. — (Information circular ; 8872) ●Item 637-A

1. Mine safety — United States. I. United States. Bureau of Mines. Division of Minerals Health and Safety Technology. II. Series: Information circular (United States. Bureau of Mines) ; 8872. TN295.U4 no. 8872 80-607005 622/.8/0973 OCLC 05992636

**83-11486**

**I 28.27:8883**

Bartholomae, R. C.

Vibration qualification of electronic instrumentation for underground coal mining machinery / by Roy C. Bartholomae, Bruce S. Murray, and Richard Madden. — Pgh. [Pittsburgh], Pa. : U.S. Dept. of the Interior, Bureau of Mines, 1982.

9 p. : ill. ; 28 cm. — (Information circular ; 8883) ●Item 637-A

1. Coal-mining machinery — Vibration — Measurement. 2. Electronic apparatus and appliances — Vibration — Testing. I. Murray, Bruce S. II. Madden, Richard. III. United States. Bureau of Mines. IV. Title. V. Series: Information circular (United States. Bureau of Mines) ; 8883. TN295.U4 no. 8883 82-600497 [TN813] 622 s [622 ¢2 19] OCLC 08388881

**83-11487**

**I 28.27:8899**

Divers, Edward F.

Evaluation of a combined face ventilation system used with a remotely operated mining machine / by E. Divers, N. Jayaraman, and J. Custer. — [Washington, D.C.?] : U.S. Dept. of the Interior, Bureau of Mines, 1982.

7 p. : ill. ; 28 cm. — (Information circular ; 8899) Includes bibliographical references. ●Item 637-A

1. Coal-mining machinery — Safety measures. 2. Mine ventilation — Equipment and supplies — Testing. 3. Tracers (Chemistry) 4. Sulphur hexafluoride. I. Jayaraman, Natesa I. II. Custer, J. III. United States. Bureau of Mines. IV. Title. V. Series: Information circular (United States. Bureau of Mines) ; 8899. TN295.U4 82-600277 [TN813] 622 s [622/.334 ¢2 19] OCLC 08785176

**83-11488**

**I 28.28/3:980/advance**

I 28.28/3:981/prelim.

Lime in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1980 advance summary; 1981, preliminary. Description based on: 1978 advance summary. Main series: Mineral industry surveys Has supplement: Lime plants in the United States in ...

1. Lime industry — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 07897934

**83-11489**

**I 28.28/3:982/prelim.**

Lime in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1982, preliminary. Description based on: 1978 advance summary. Main series: Mineral industry surveys Has supplement: Lime plants in the United States in ...

1. Lime industry — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 07897934

**83-11490**

**I 28.28/4:980/advance/supp.**

I 28.28/4:981/advance/supp.

Lime plants in the United States in ... Washington, D.C. : U.S. Dept. of Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1980 advance summary suppl.; 1981 advance summary supp. Description based on: 1979. Main series: Mineral industry surveys Supplement to: Lime in ...

1. Lime industry — United States — Directories. I. United States. Bureau of Mines. II. Series. OCLC 06460706

**83-11491**

**I 28.29/2:979/prelim.**

Cement in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Title from caption. 1979, preliminary. Description based on: 1979. Main series: Mineral industry surveys

1. Cement industries — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 07893384

**83-11492**

**I 28.29/2:980/advance**

I 28.29/2:981/prelim.

I 28.29/2:981/advance

Cement in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Title from caption. 1980 advance summary; 1981, preliminary; 1981 advance summary. Description based on: 1979. Main series: Mineral industry surveys

1. Cement industries — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 07893384

**83-11493**

**I 28.29/2:982**

Cement in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Title from caption. 1982, preliminary. Description based on: 1979. Main series: Mineral industry surveys

1. Cement industries — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 07893384

**83-11494**

**I 28.29/2:982/prelim.**

Cement in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Title from caption. 1982, preliminary. Description based on: 1979. Main series: Mineral industry surveys

1. Cement industries — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 07893384

**83-11495**

**I 28.29/3:981**

Directory of cement producers in ... / U.S. Dept. of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C. 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1981. Description based on: 1981. ISSN 0731-4132 Main series: Mineral industry surveys

1. Cement industries — United States — Directories. I. United States. Bureau of Mines. Key Title: Directory of cement producers II. Series. PAR 82-640906 OCLC 08161367

83-11496

I 28.29/3:982

Directory of cement producers in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C. 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Title from caption. 1982. Description based on: 1981. ISSN 0731-4132 Main series: Mineral industry surveys

1. Cement industries — United States — Directories. I. United States. Bureau of Mines. Key Title: Directory of cement producers II. Series. PAR 82-640906 OCLC 08161367

83-11497

I 28.32/2:978/advance

I 28.32/2:979/prelim.

Gypsum in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1978 advance summary; 1979, preliminary. Description based on: 1978 advance summary. Main series: Mineral industry surveys Has supplement: Gypsum mines and calcining plants in the United States in ...

1. Gypsum industry — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 07893371

83-11498

I 28.32/2:980/advance

Gypsum in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1980 advance summary. Description based on: 1978 advance summary. Main series: Mineral industry surveys Has supplement: Gypsum mines and calcining plants in the United States in ...

1. Gypsum industry — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 07893371

83-11499

I 28.32/2:980/advance/supp.

I 28.32/2:981/advance/supp.

Gypsum mines and calcining plants in the United States in ... / U.S. Department of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C. 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1980 advance summary suppl.; 1981 advance summary suppl. Description based on: 1980. Main series: Mineral industry surveys Supplement to: Gypsum in ...

1. Gypsum — United States — Directories. I. United States. Bureau of Mines. II. Series. OCLC 05780268

83-11500

I 28.32/2:981/prelim.

Gypsum in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1981, preliminary. Description based on: 1978 advance summary. Main series: Mineral industry surveys Has supplement: Gypsum mines and calcining plants in the United States in ...

1. Gypsum industry — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 07893371

83-11501

I 28.32/2:982/prelim.

Gypsum in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1982, preliminary. Description based on: 1978 advance summary. Main series: Mineral industry surveys Has supplement: Gypsum mines and calcining plants in the United States in ...

1. Gypsum industry — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 07893371

83-11502

I 28.37/a:Ab 84/981

Preprint from the ... Bureau of Mines Minerals yearbook. Abrasive materials. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1978-79.

1. Abrasives — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07856492

83-11503

I 28.37/a:Al 82/981

Preprint from the ... Bureau of Mines Minerals yearbook. Aluminum. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1978-79.

1. Aluminum — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07827385

83-11504

I 28.37/a:B 239/981

Preprint from the ... Bureau of Mines Minerals yearbook. Barite. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1978-79.

1. Barite — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07827403

83-11505

I 28.37/a:B 788/981

Preprint from the ... Bureau of Mines Minerals yearbook. Bromine. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1978-79.

1. Bromine — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07829915

83-11506

I 28.37/a:G 284/981

Preprint from the ... Bureau of Mines Minerals yearbook. Gem stones. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1980.

1. Precious stones — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07919059

83-11507

I 28.37/a:G 767/981

Preprint from the ... Bureau of Mines Minerals yearbook. Graphite. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1978-79.

1. Graphite — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07828626

**83-11508**

**I 28.37/a:H 367/981**

Preprint from the ... Bureau of Mines Minerals yearbook. Helium. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1978-79.

1. Helium — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07829018

**83-11509**

**I 28.37/a:Ir 6/2/981**

Preprint from the ... Bureau of Mines Minerals yearbook. Iron and steel scrap. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. : ill. ; 24 cm.

Annual 1981. Description based on: 1978-79.

1. Scrap metals — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07833353

**83-11510**

**I 28.37/a:M 664/2/980**

Preprint from the ... Bureau of Mines Minerals yearbook. Mining and quarrying trends in the metal and nonmetal industries. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Publications Distribution, Bureau of Mines, 4800 Forbes Ave., Pittsburgh, Pa. 15213

v. ; 24 cm.

Annual 1980. Description based on: 1978-79.

1. Mineral industries — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07856514

**83-11511**

**I 28.37/a:P 329/981**

Preprint from the ... Bureau of Mines Minerals yearbook. Peat. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. : ill. ; 24 cm.

Annual 1981. Description based on: 1978-79.

1. Peat — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07829954

**83-11512**

**I 28.37/a:P 421/981**

Preprint from the ... Bureau of Mines Minerals yearbook. Perlite. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1978-79.

1. Perlite — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07833149

**83-11513**

**I 28.37/a:Si 34/981**

Preprint from the ... Bureau of Mines Minerals yearbook. Silicon. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1978-79.

1. Silicon — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07832917

**83-11514**

**I 28.37/a:V 592/981**

Preprint from the ... Bureau of Mines Minerals yearbook. Vermiculite. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1978-79.

1. Vermiculite — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07833497

**83-11515**

**I 28.37/a 2:Al 1 b/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Alabama. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Bureau of Mines, Publication Distribution Branch, 4800 Forbes Ave., Pittsburgh, Pa. 15213

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Alabama — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07833607

**83-11516**

**I 28.37/a 2:Al 13/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Albania. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Bureau of Mines, Publication Distribution Branch, 4800 Forbes Ave., Pittsburgh, Pa. 15213

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Albania — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07846683

**83-11517**

**I 28.37/a 2:B 658/980**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Botswana. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Publications Distribution, Bureau of Mines, 4800 Forbes Ave., Pittsburgh, Pa. 15213

v. ; 24 cm.

Annual 1980. Description based on: 1978-79.

1. Mineral industries — Botswana — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07848550

**83-11518**

**I 28.37/a 2:B 739/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Brazil. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Bureau of Mines, Publication Distribution Branch, 4800 Forbes Ave., Pittsburgh, Pa. 15213

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Brazil — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07848614

**83-11519**

**I 28.37/a 2:B 927/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Burma. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Burea of Mines, Publication Distribution Branch, 4800 Forbes Ave., Pittsburgh, Pa. 15213

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Burma — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07848817

**83-11520**

**I 28.37/a 2:C 191/980**

**I 28.37/a 2:C 191/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the islands of the Caribbean. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Bureau of Mines, Publication Distribution Branch, 4800 Forbes Ave., Pittsburgh, Pa. 15213

v. ; 24 cm.

Annual 1980; 1981. Description based on: 1977.

1. Mineral industries — Caribbean area — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07859028

83-11521

I 28.37/a 2:C 437/981

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Chile. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Bureau of Mines, Publication Distribution Branch, 4800 Forbes Ave., Pittsburgh, Pa. 15213
v. ; 24 cm.
Annual 1981. Description based on: 1977.
1. Mineral industries — Chile — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07848980

83-11522

I 28.37/a 2:C 717/981

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Colombia. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Bureau of Mines, Publication Distribution Branch, 4800 Forbes Ave., Pittsburgh, Pa. 15213
v. ; 24 cm.
Annual 1981. Description based on: 1977.
1. Mineral industries — Colombia — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07849112

83-11523

I 28.37/a 2:C 996/981

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Czechoslovakia. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Bureau of Mines, Publication Distribution Branch, 4800 Forbes Ave., Pittsburgh, Pa. 15213
v. ; 24 cm.
Annual 1981. Description based on: 1977.
1. Mineral industries — Czechoslovakia — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07849175

83-11524

I 28.37/a 2:Eg 98/980
I 28.37/a 2:Eg 98/981

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Egypt. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Bureau of Mines, Publication Distribution Branch, 4800 Forbes Ave., Pittsburgh, Pa. 15213
v. ; 24 cm.
Annual 1980; 1981. Description based on: 1977.
1. Mineral industries — Egypt — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07849511

83-11525

I 28.37/a 2:F 496/980

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Finland. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Publications Distribution, Bureau of Mines, 4800 Forbes Ave., Pittsburgh, Pa. 15213
v. ; 24 cm.
Annual 1980. Description based on: 1978-1979.
1. Mineral industries — Finland — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07850033

83-11526

I 28.37/a 2:G 81/981

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Greece. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Bureau of Mines, Publication Distribution Branch, 4800 Forbes Ave., Pittsburgh, Pa. 15213
v. ; 24 cm.
Annual 1981. Description based on: 1977.
1. Mineral industries — Greece — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07851632

83-11527

I 28.37/a 2:G 341/980

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Ghana. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Publications Distribution, Bureau of Mines, 4800 Forbes Ave., Pittsburgh, Pa. 15213
v. ; 24 cm.
Annual 1980. Description based on: 1978-79.
1. Mineral industries — Ghana — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07851601

83-11528

I 28.37/a 2:H 31/980

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Hawaii. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Bureau of Mines, Publication Distribution Branch, 4800 Forbes Ave., Pittsburgh, Pa. 15213
v. ; 24 cm.
Annual 1980. Description based on: 1977.
1. Mineral industries — Hawaii — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07841266

83-11529

I 28.37/a 2:H 894/981

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Hungary. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Bureau of Mines, Publication Distribution Branch, 4800 Forbes Ave., Pittsburgh, Pa. 15213
v. ; 24 cm.
Annual 1981. Description based on: 1977.
1. Mineral industries — Hungary — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07851666

83-11530

I 28.37/a 2:Ic 2/980

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Iceland. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Bureau of Mines, Publication Distribution Branch, 4800 Forbes Ave., Pittsburgh, Pa. 15213
v. ; 24 cm.
Annual 1980. Description based on: 1977.
1. Mineral industries — Iceland — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07851720

83-11531

I 28.37/a 2:Ic 2/981

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Iceland. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Bureau of Mines, Publication Distribution Branch, 4800 Forbes Ave., Pittsburgh, Pa. 15213
v. ; 24 cm.
Annual 1981. Description based on: 1977.
1. Mineral industries — Iceland — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07851720

83-11532

I 28.37/a 2:Id 1/981

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Idaho. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Bureau of Mines, Publication Distribution Branch, 4800 Forbes Ave., Pittsburgh, Pa. 15213
v. : ill. ; 24 cm.
Annual 1981. Description based on: 1977.
1. Mineral industries — Idaho — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07843263

**83-11533**

**I 28.37/a 2:In 2/3/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Indonesia. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,
v. ; 24 cm.
Annual 1981. Description based on: 1977.
1. Mineral industries — Indonesia — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07852012

**83-11534**

**I 28.37/a 2:Io 9/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Iowa. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,
v. : ill. ; 24 cm.
Annual 1981. Description based on: 1977.
1. Mineral industries — Iowa — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07845071

**83-11535**

**I 28.37/a 2:Ir 1/2/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Iraq. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,
v. ; 24 cm.
Annual 1981. Description based on: 1977.
1. Mineral industries — Iraq — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07852206

**83-11536**

**I 28.37/a 2:Ir 1/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Iran. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,
v. ; 24 cm.
Annual 1981. Description based on: 1977.
1. Mineral industries — Iran — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07852083

**83-11537**

**I 28.37/a 2:Is 7/980**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Israel. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Publications Distribution, Bureau of Mines, 4800 Forbes Ave., Pittsburgh, Pa. 15213
v. ; 24 cm.
Annual 1980. Description based on: 1977.
1. Mineral industries — Israel — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07852262

**83-11538**

**I 28.37/a 2:It 1/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Italy. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,
v. ; 24 cm.
Annual 1981. Description based on: 1977.
1. Mineral industries — Italy — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07852355

**83-11539**

**I 28.37/a 2:K 422/980**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Kenya. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Publications Distribution, Bureau of Mines, 4800 Forbes Ave., Pittsburgh, Pa. 15213
v. ; 24 cm.
Annual 1980. Description based on: 1978-79.
1. Mineral industries — Kenya — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07852563

**83-11540**

**I 28.37/a 2:K 841/3/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the Republic of Korea. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,
v. ; 24 cm.
Annual 1981. Description based on: 1977.
1. Mineral industries — Korea (South) — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855517

**83-11541**

**I 28.37/a 2:L 615/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Liberia. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,
v. ; 24 cm.
Annual 1981. Description based on: 1977.
1. Mineral industries — Liberia — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07852832

**83-11542**

**I 28.37/a 2:L 616/980**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Libya. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Publications Distribution, Bureau of Mines, 4800 Forbes Ave., Pittsburgh, Pa. 15213
v. ; 24 cm.
Annual 1980. Description based on: 1977.
1. Mineral industries — Libya — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07852890

**83-11543**

**I 28.37/a 2:M 58/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Michigan. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,
v. : ill. ; 24 cm.
Annual 1981. Description based on: 1977.
1. Mineral industries — Michigan — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07843139

**83-11544**

**I 28.37/a 2:M 828/980**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Morocco. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Publications Distribution, Bureau of Mines, 4800 Forbes Ave., Pittsburgh, Pa. 15213
v. ; 24 cm.
Annual 1980. Description based on: 1977.
1. Mineral industries — Morocco — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07853431

**83-11545**

**I 28.37/a 2:M 877/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Mozambique. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,
v. ; 24 cm.
Annual 1981. Description based on: 1977.
1. Mineral industries — Mozambique — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855143

**83-11546**

**I 28.37/a 2:N 42 h/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of New Hampshire. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,
v. ; 24 cm.
Annual 1981. Description based on: 1977.

1. Mineral industries — New Hampshire — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07845168

**83-11547**

**I 28.37/a 2:N 42 z/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of New Zealand. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1978-1979.

1. Mineral industries — New Zealand — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855184

**83-11548**

**I 28.37/a 2:N 83/980**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Norway. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1980. Description based on: 1977.

1. Mineral industries — Norway — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855239

**83-11549**

**I 28.37/a 2:N 83/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Norway. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Norway — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855239

**83-11550**

**I 28.37/a 2:N 151/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Namibia. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Publications Distribution, Bureau of Mines, 4800 Forbes Ave., Pittsburgh, Pa. 15213

v. ; 24 cm.

Annual 1981. Description based on: 1981.

1. Mineral industries — Namibia — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 09292698

**83-11551**

**I 28.37/a 2:N 382/2/980**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the Netherlands. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Publications Distribution, Bureau of Mines, 4800 Forbes Ave., Pittsburgh, Pa. 15213

v. ; 24 cm.

Annual 1980. Description based on: 1977.

1. Mineral industries — Netherlands — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855156

**83-11552**

**I 28.37/a 2:N 561/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Nigeria. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Nigeria — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855191

**83-11553**

**I 28.37/a 2:Ok 4/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Oklahoma. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Oklahoma — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07844874

**83-11554**

**I 28.37/a 2:P 96 r/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Puerto Rico, the Virgin Islands, and Pacific island possessions. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior. Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Puerto Rico — Statistics — Periodicals. 2. Mineral industries — Virgin Islands of the United States — Statistics — Periodicals. 3. Mineral industries — Pacific area — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07866894

**83-11555**

**I 28.37/a 2:P 435/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Peru. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Peru — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855302

**83-11556**

**I 28.37/a 2:P 538/980**

I 28.37/a 2:P 538/981

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the Philippines. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1980; 1981. Description based on: 1977.

1. Mineral industries — Philippines — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855342

**83-11557**

**I 28.37/a 2:P 757/980**

I 28.37/a 2:P 757/981

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Poland. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1980; 1981. Description based on: 1977.

1. Mineral industries — Poland — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855368

**83-11558**

**I 28.37/a 2:R 34/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Rhode Island. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Rhode Island — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07844831

**83-11559**

**I 28.37/a 2:R 661/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Romania. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Romania — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855630

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**83-11560**

**I 28.37/a 2:Sa 85/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Saudi Arabia. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Saudi Arabia — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855686

**83-11561**

**I 28.37/a 2:Si 17/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Sierra Leone. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Sierra Leone — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855261

**83-11562**

**I 28.37/a 2:So 87 am/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of other areas of South America. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — South America — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07866544

**83-11563**

**I 28.37/a 2:So 87 p/2/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of other South Pacific islands. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Oceania — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07859247

**83-11564**

**I 28.37/a 2:Sp 15/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Spain. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Spain — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855366

**83-11565**

**I 28.37/a 2:Sw 32/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Sweden. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Sweden — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855454

**83-11566**

**I 28.37/a 2:Sw 68/980**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Switzerland. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Publications Distribution, Bureau of Mines, 4800 Forbes Ave., Pittsburgh, Pa. 15213

v. ; 24 cm.

Annual 1980. Description based on: 1977.

1. Mineral industries — Switzerland — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855633

**83-11567**

**I 28.37/a 2:T 139/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Taiwan. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — China (Republic : 1949- ) — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855705

**83-11568**

**I 28.37/a 2:T 159/980**

**I 28.37/a 2:T 159/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Tanzania. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1980; 1981. Description based on: 1977.

1. Mineral industries — Tanzania — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855782

**83-11569**

**I 28.37/a 2:T 326/980**

**I 28.37/a 2:T 326/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Thailand. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1980; 1981. Description based on: 1977.

1. Mineral industries — Thailand — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855944

**83-11570**

**I 28.37/a 2:T 834/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Tunisia. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Tunisia — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855984

**83-11571**

**I 28.37/a 2:T 847/981**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Turkey. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Turkey — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07866268

**83-11572**

**I 28.37/a 2:Un 34 ar/980**

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the United Arab Emirates. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines, Publications Distribution, Bureau of Mines, 4800 Forbes Ave., Pittsburgh, Pa. 15213

v. ; 24 cm.

Annual 1980. Description based on: 1977.

1. Mineral industries — United Arab Emirates — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07856440

83-11573

I 28.37/a 2:V 556/981

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Venezuela. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Venezuela — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07856346

83-11574

I 28.37/a 2:W 75/981

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Wisconsin. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. : ill. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Wisconsin — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07846271

83-11575

I 28.37/a 2:Y 9/980

I 28.37/a 2:Y 9/981

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Yugoslavia. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1980; 1981. Description based on: 1977.

1. Mineral industries — Yugoslavia — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07856376

83-11576

I 28.37/a 2:Z 1/2/981

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Zaire. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1981. Description based on: 1977.

1. Mineral industries — Zaire — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07856409

83-11577

I 28.37/a 2:Z 1/980

I 28.37/a 2:Z 1/981

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Zambia. [Pittsburgh, Pa.?] : U.S. Dept. of the Interior, Bureau of Mines,

v. ; 24 cm.

Annual 1980; 1981. Description based on: 1977.

1. Mineral industries — Zambia — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07866186

83-11578

I 28.37/3:10

Stipp, Henry E.

Columbium / Henry E. Stipp. — Pittsburgh, Pa. : U.S. Dept. of the Interior, Bureau of Mines : Publications Distribution Branch, Bureau of Mines, [1978]

12 p. : 1 ill. ; 27 cm. — (Mineral commodity profiles ; MCP-10) "Prepared by the Bureau of Mines, U.S. Department of the Interior." "January 1978"—Cover. Bibliography : p. 12. ●Item 639-B (microfiche)

1. Niobium. 2. Niobium ores. I. United States. Bureau of Mines. II. Title. III. Series. OCLC 03719805

83-11579

I 28.37/3:11

Singleton, Richard H.

Potash / Richard H. Singleton. — [Washington, D.C.?] : Bureau of Mines, U.S. Dept. of the Interior, [1978]

27 p. : ill. ; 27 cm. — (Mineral commodity profiles ; MCP-11) "February 1978." Includes bibliographical references. ●Item 639-B (microfiche)

1. Potash industry and trade — United States. I. United States. Bureau of Mines. II. Title. III. Series. OCLC 03813045

83-11580

I 28.37/3:12

Cammarota, V. Anthony.

Zinc / V. Anthony Cammarota, Jr. — Pgh. [i.e. Pittsburgh], Pa. : U.S. Dept. of the Interior, Bureau of Mines : Publications Distribution Branch, Bureau of Mines, [1978]

25 p. : ill. ; 27 cm. — (Mineral commodity profiles ; MCP-12) "Prepared by the Bureau of Mines, U.S. Department of the Interior." "May 1978"—Cover. Bibliography: p. 24-25. ●Item 639-B (microfiche)

1. Zinc. 2. Zinc industry and trade. I. United States. Bureau of Mines. II. Title. III. Series. OCLC 04066131

83-11581

I 28.37/3:17

Reed, Avery H.

Stone / Avery H. Reed. — Pittsburgh, PA : U.S. Dept. of the Interior, Bureau of Mines : Publications Distribution Branch, Bureau of Mines, [1978]

19 p. : ill. ; 27 cm. — (Mineral commodity profiles ; MCP-17) "Prepared by the Bureau of Mines, U.S. Department of the Interior." "July 1978"—Cover. ●Item 639-B (microfiche)

1. Stone industry and trade — United States. I. United States. Bureau of Mines. II. Title. III. Series. OCLC 04319200

83-11582

I 28.37/3:21

Kornhauser, Ben A.

Tungsten / Ben A. Kornhauser and Philip T. Stafford. — Pittsburgh, PA : U.S. Dept. of the Interior, Bureau of Mines : Publications Distribution Branch, Bureau of Mines, [1978]

22 p. : ill. ; 27 cm. — (Mineral commodity profiles ; MCP-21) "Prepared by the Bureau of Mines, U.S. Department of the Interior." "September 1978"—Cover. Bibliography: p. 21-22. ●Item 629-B (microfiche)

1. Tungsten. I. Stafford, Philip T. II. United States. Bureau of Mines. III. Title. IV. Series. OCLC 04475053

83-11583

I 28.53/2-2:981/prelim.

Iron and steel scrap in ... / U.S. Department of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C. 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1981, preliminary. Description based on: 1981, preliminary. Main series: Mineral industry surveys Continues: Iron and steel scrap (Annual)

1. Scrap metal industry — United States — Statistics — Periodicals. 2. Iron industry and trade — United States — Statistics — Periodicals. 3. Steel industry and trade — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 09310759

83-11584

I 28.53/4:982/prelim.

Iron and steel in ... Washington, D.C : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1982, preliminary. Description based on: 1980 preliminary. Main series: Mineral industry surveys

1. Iron industry and trade — United States — Statistics — Periodicals. 2. Steel industry and trade — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03045812

**83-11585**

**I 28.54/2:981/prelim.**

Manganese in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1981, preliminary. Description based on: 1979 preliminary. Main series: Mineral industry surveys

1. Manganese — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03055514

**83-11586**

**I 28.54/2:982/prelim.**

Manganese in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1982, preliminary. Description based on: 1979 preliminary. Main series: Mineral industry surveys

1. Manganese — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03055514

**83-11587**

**I 28.55/2:980/prelim.**

Mercury in ... / U.S. Department of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1980, preliminary. Description based on: 1980 preliminary. Main series: Mineral industry surveys

1. Mercury industry and trade — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 09313294

**83-11588**

**I 28.55/2:981/prelim.**

Mercury in ... / U.S. Department of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1981, preliminary. Description based on: 1980 preliminary. Main series: Mineral industry surveys

1. Mercury industry and trade — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 09313294

**83-11589**

**I 28.55/2:982/prelim.**

Mercury in ... / U.S. Department of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1982, preliminary. Description based on: 1980 preliminary. Main series: Mineral industry surveys

1. Mercury industry and trade — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 09313294

**83-11590**

**I 28.58/3:981/prelim.**

Molybdenum in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1981, preliminary. Description based on: 1980 preliminary. Main series: Mineral industry surveys

1. Molybdenum — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03055647

**83-11591**

**I 28.59/3:981/supp.**

Copper industry annual supplement / U.S. Department of the Interior, Burea of Mines. Washington, D.C : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Other title: Copper in ... ⟨1981-⟩ Caption title. 1981. Description based on: 1981. Main series: Mineral industry surveys Supplement to: Copper in ...

1. Copper industry and trade — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 09313414

**83-11592**

**I 28.59/4:981/prelim.**

Copper in ... Washington, D.C : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1981, preliminary. Description based on: 1979 preliminary. Main series: Mineral industry surveys Has supplement: Copper industry annual supplement

1. Copper industry and trade — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03028606

**83-11593**

**I 28.59/4:982/prelim.**

Copper in ... Washington, D.C : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1982, preliminary. Description based on: 1979 preliminary. Main series: Mineral industry surveys Has supplement: Copper industry annual supplement

1. Copper industry and trade — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03028606

**83-11594**

**I 28.61/3:981/prelim.**

Gold and silver in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1981, preliminary. Description based on: 1979 preliminary. Main series: Mineral industry surveys

1. Gold mines and mining — United States — Statistics — Periodicals. 2. Silver mines and mining — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 07892031

83-11595

I 28.63/4:979/advance

End uses of sulfur and sulfuric acid in ... / U.S. Department of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C. 20241

v. 27 cm. (Mineral industry surveys)

Annual

Began with 1978. Caption title. Title varies slightly. 1979 advance summary. Description based on: 1979 advance summary. Main series: Mineral industry surveys

1. Sulphur industry — United States — Statistics — Periodicals. 2. Sulphuric acid industry — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 05154707

83-11596

I 28.63/4:980/advance

End uses of sulfur and sulfuric acid in ... / U.S. Department of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C. 20241

v. 27 cm. (Mineral industry surveys)

Annual

Began with 1978. Caption title. Title varies slightly. 1980 advance summary. Description based on: 1979 advance summary. Main series: Mineral industry surveys

1. Sulphur industry — United States — Statistics — Periodicals. 2. Sulphuric acid industry — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 05154707

83-11597

I 28.63/4:981/advance

End uses of sulfur and sulfuric acid in ... / U.S. Department of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C. 20241

v. 27 cm. (Mineral industry surveys)

Annual

Began with 1978. Caption title. Title varies slightly. 1981 advance summary. Description based on: 1979 advance summary. Main series: Mineral industry surveys

1. Sulphur industry — United States — Statistics — Periodicals. 2. Sulphuric acid industry — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 05154707

83-11598

I 28.66/2:981/prelim.

Iron ore in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1981, preliminary. Description based on: 1980 preliminary. Main series: Mineral industry surveys

1. Iron ores — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 07892051

83-11599

I 28.66/2:982/prelim.

Iron ore in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1982, preliminary. Description based on: 1980 preliminary. Main series: Mineral industry surveys

1. Iron ores — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 07892051

83-11600

I 28.69/2:981/prelim.

Zinc in ... / U.S. Department of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1981, preliminary. Description based on: 1981 preliminary. Main series: Mineral industry surveys Continues: Zinc (Washington, D.C.)

1. Zinc industry and trade — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 09314274

83-11601

I 28.70/2:981/prelim.

Fluorspar in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm.

Annual Caption title. 1981, preliminary. Description based on: 1978 advance summary. Main series: Mineral industry surveys

1. Fluorspar — United States — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 03056867

83-11602

I 28.73/2:981/prelim.

Tungsten in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1981, preliminary. Description based on: 1980 preliminary. ISSN 0196-7363 Main series: Mineral industry surveys

1. Tungsten mines and mining — United States — Statistics — Periodicals. I. United States. Bureau of Mines. Key Title: Tungsten II. Series. sc-79003463 OCLC 03028823

83-11603

I 28.73/2:982/prelim.

Tungsten in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1982, preliminary. Description based on: 1980 preliminary. ISSN 0196-7363 Main series: Mineral industry surveys

1. Tungsten mines and mining — United States — Statistics — Periodicals. I. United States. Bureau of Mines. Key Title: Tungsten II. Series. sc-79003463 OCLC 03028823

83-11604

I 28.76/3:981/prelim.

Cobalt in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1981, preliminary. Description based on: 1979 preliminary. Main series: Mineral industry surveys

1. Cobalt industry — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 07891910

**83-11605**

**I 28.76/3:982/prelim.**

Cobalt in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241
v. ; 27 cm. (Mineral industry surveys)
Annual Caption title. 1982, preliminary. Description based on: 1979 preliminary. Main series: Mineral industry surveys
1. Cobalt industry — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 07891910

**83-11606**

**I 28.77/2:981/prelim.**

Platinum-group metals in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241
v. ; 27 cm. (Mineral industry surveys)
Annual Caption title. 1981, preliminary. Description based on: 1980 preliminary. Main series: Mineral industry surveys
1. Platinum group — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03078031

**83-11607**

**I 28.77/2:982/prelim.**

Platinum-group metals in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241
v. ; 27 cm. (Mineral industry surveys)
Annual Caption title. 1982, preliminary. Description based on: 1980 preliminary. Main series: Mineral industry surveys
1. Platinum group — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03078031

**83-11608**

**I 28.78/2:981/prelim.**

Vanadium in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241
v. ; 27 cm. (Mineral industry surveys)
Annual Caption title. 1981, preliminary. Description based on: 1979 preliminary. Main series: Mineral industry surveys
1. Vanadium — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03036575

**83-11609**

**I 28.80/2:981/prelim.**

Aluminum and bauxite in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241
v. ; 27 cm. (Mineral industry surveys)
Annual Caption title. 1981, preliminary. Description based on: 1980. ISSN 0276-5039 Main series: Mineral industry surveys
1. Aluminum industry and trade — United States — Statistics — Periodicals. 2. Bauxite — United States — Statistics — Periodicals. I. United States. Bureau of Mines. Key Title: Aluminum and bauxite II. Series. OCLC 03027168

**83-11610**

**I 28.82/3:981/prelim.**

Titanium in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241
v. ; 27 cm. (Mineral industry surveys)
Annual Caption title. 1981, preliminary. Description based on: 1980 preliminary. Main series: Mineral industry surveys
1. Titanium — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03077921

**83-11611**

**I 28.83/2:981/prelim.**

Zirconium and hafnium in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241
v. ; 27 cm. (Mineral industry surveys)
Annual Caption title. 1981, preliminary. Description based on: 1980 preliminary. ISSN 0193-0109 Main series: Mineral industry surveys
1. Zirconium — Statistics — Periodicals. 2. Hafnium — Statistics — Periodicals. I. United States. Bureau of Mines. Key Title: Zirconium and hafnium II. Series. OCLC 03058273

**83-11612**

**I 28.84/2:981/prelim.**

Chromium in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241
v. ; 27 cm. (Mineral industry surveys)
Annual Caption title. 1981, preliminary. Description based on: 1979 preliminary. Main series: Mineral industry surveys
1. Chromium — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03056923

**83-11613**

**I 28.84/2:982/prelim.**

Chromium in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241
v. ; 27 cm. (Mineral industry surveys)
Annual Caption title. 1982, preliminary. Description based on: 1979 preliminary. Main series: Mineral industry surveys
1. Chromium — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03056923

**83-11614**

**I 28.87/2:981/prelim.**

Lead in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241
v. ; 27 cm. (Mineral industry surveys)
Annual Caption title. 1981, preliminary. Description based on: 1980 preliminary. Main series: Mineral industry surveys
1. Lead industry and trade — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03045694

**83-11615**

**I 28.92/2:981/prelim.**

Nickel in ... / U.S. Department of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C. 20241
v. ; 27 cm. (Mineral industry surveys)
Annual Caption title. 1981, preliminary. Description based on: 1981, preliminary. Main series: Mineral industry surveys
1. Nickel — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03055122

83-11616

I 28.92/2:982/prelim.

Nickel in ... / U.S. Department of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C. 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1982, preliminary. Description based on: 1981, preliminary. Main series: Mineral industry surveys

1. Nickel — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03055122

83-11617

I 28.111:981/prelim.

Feldspar in ... / U.S. Department of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1981, preliminary. Description based on: 1981, preliminary. Main series: Mineral industry surveys Continues: Feldspar and related minerals in ...

1. Feldspar — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 09319232

83-11618

I 28.111:982/prelim.

Feldspar in ... / U.S. Department of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1982, preliminary. Description based on: 1981, preliminary. Main series: Mineral industry surveys Continues: Feldspar and related minerals in ...

1. Feldspar — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 09319232

83-11619

I 28.112:980

I 28.112:980/rev.

I 28.112:981

Explosives. Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C. 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Other title: Apparent consumption of industrial explosives and blasting agents in the United States Title from caption. 1980; 1980, rev. Oct. 1981; 1981. Description based on: 1979. ISSN 0193-0028 Main series: Mineral industry surveys

1. Explosives industry — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 04147401

83-11620

I 28.116:980/advance

I 28.116:981/prelim.

Abrasive materials in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, DC 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Title from caption. 1980 advance summary; 1981, preliminary. Description based on: 1979. Main series: Mineral industry surveys

1. Abrasives industry — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03027396

83-11621

I 28.116:982/prelim.

Abrasive materials in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, DC 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Title from caption. 1982, preliminary. Description based on: 1979. Main series: Mineral industry surveys

1. Abrasives industry — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03027396

83-11622

I 28.117:981/prelim.

Gem stones in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1981, preliminary. Description based on: 1979 preliminary. Main series: Mineral industry surveys

1. Gem stones — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03054580

83-11623

I 28.117:982/prelim.

Gem stones in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1982, preliminary. Description based on: 1979 preliminary. Main series: Mineral industry surveys

1. Precious stones — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03054580

83-11624

I 28.118:979/advance/supp.

I 28.118:980/advance/supp.

Directory of principal stone producers in the United States in ... / U.S. Department of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C. 20241

v. ; 27 cm. (Mineral industry surveys)

Began with 1976. Caption title. 1979 annual advance summary suppl.; 1980 annual advance summary suppl. Description based on: 1979. Main series: Mineral industry surveys Supplement to: Stone in ...

1. Stone industry and trade — United States — Directories. I. United States. Bureau of Mines. II. Series. OCLC 05045726

83-11625

I 28.120/3:981/prelim.

Potash in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1981, preliminary. Description based on: 1980 advance summary. Main series: Mineral industry surveys

1. Potash industry and trade — United States — Statistics — Periodicals. I. United States. Bureau of Mines. Key Title: Potash II. Series. OCLC 03045282

**83-11626**

**I 28.122:980/prelim.**
I 28.122:981/prelim.

Pumice and volcanic cinder in ... / U.S. Department of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, [1980- U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C. 20241

v. ; 27 cm. (Mineral industry surveys)

Annual

1980- Caption title. 1980; 1981. Main series: Mineral industry surveys Continues: Pumice and volcanic cinder

1. Pumice industry — United States — Statistics — Periodicals. 2. Volcanic ash, tuff, etc. — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 09296989

**83-11627**

**I 28.123:981/prelim.**
I 23.123:982/prelim.

Asbestos in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, DC 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Title from caption. 1981, preliminary; 1982, preliminary. Description based on: 1979. Main series: Mineral industry surveys

1. Asbestos industry — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03027273

**83-11628**

**I 28.124:980/advance/rev.**
I 28.124:981/prelim.
I 28.124:982/prelim.

Barite in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1980 advance summary, revised Aug. 4, 1981; 1981, preliminary; 1982, preliminary. Description based on: 1979. Main series: Mineral industry surveys

1. Barite — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03027056

**83-11629**

**I 28.125:980/advance**

Boron (Washington, D.C.)

Boron / U.S. Department of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, [1981] U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

1 v. ; 27 cm. (Mineral industry surveys)

Annual

1980 advance summary. Caption title. 1980 advance summary. Main series: Mineral industry surveys Continues: Boron in ... (Washington, D.C. : 1980) Continued by: Boron in ... (Washington, D.C. : 1981)

1. Boron — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 09299094

**83-11630**

**I 28.125:981/prelim.**
I 28.125:981/advance
I 28.125:982/prelim.

Boron in ... (Washington, D.C. : 1981)

Boron in ... / U.S. Department of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, [1981]- U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual

1981 preliminary- Caption title. 1981, preliminary; 1981 advance summary; 1982, preliminary. Continues: Boron (Washington, D.C.)

1. Boron — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 09299112

**83-11631**

**I 28.126:980/advance**
I 28.126:981/prelim.
I 28.126:981/advance
I 28.126:982/prelim.

Bromine in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1980 advance summary; 1981, preliminary; 1981 advance summary; 1982, preliminary. Description based on: 1979 advance summary. Main series: Mineral industry surveys

1. Bromine — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03025868

**83-11632**

**I 28.127:981/prelim.**

Diatomite in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1981, preliminary. Description based on: 1979 preliminary. Main series: Mineral industry surveys

1. Diatomaceous earth — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03054647

**83-11633**

**I 28.127:982/prelim.**

Diatomite in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1982, preliminary. Description based on: 1979 preliminary. Main series: Mineral industry surveys

1. Diatomaceous earth — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03054647

**83-11634**

**I 28.128:980/prelim.**
I 28.128:981/prelim.

Natural graphite in ... (Washington, D.C. : 1980)

Natural graphite in ... / U.S. Department of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C. 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1980, preliminary; 1981, preliminary. Description based on: 1980, preliminary. Preliminary and advance reports are issued annually under the same title; (1980-) advance summary called Graphite in ... Continues: Natural graphite Continued in part by: Graphite, Natural in ... Continued in part by: Graphite in ...

1. Graphite — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 09302078

83-11635

I 28.128:982/prelim.

Graphite, natural in ... / U.S. Department of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C. 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1982, preliminary. Description based on: 1982, preliminary. Continues: Natural graphite in ... (Washington, D.C. : 1980)

1. Graphite — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 09301957

83-11636

I 28.128/2:980

I 28.128/2:981

Graphite in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C. 20241

v. ; 27 cm. (Mineral industry surveys)

Annual 1980; 1981. Description based on: 1978. ISSN 0276-4423 Main series: Mineral industry surveys Continues in part: Natural graphite in ... (Washington, D.C. : 1980)

1. Graphite industry — Periodicals. I. United States. Bureau of Mines. Key Title: Graphite II. Series. HD9559.G73G73 81-640821 338.2/726/05 OCLC 07337759

83-11637

I 28.129:980/advance

I 28.129:981/prelim.

I 28.129:981/advance

I 28.129:982/prelim.

Iodine in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1980 advance summary; 1981, preliminary; 1981 advance summary; 1982, preliminary. Description based on: 1979 advance summary. Main series: Mineral industry surveys

1. Iodine — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. Discard OCLC 03027765

83-11638

I 28.130:980/prelim.

Mica in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1980, preliminary. Description based on: 1979 advance summary. Main series: Mineral industry surveys

1. Mica industry — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03058641

83-11639

I 28.130:981/prelim.

Mica in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1981, preliminary. Description based on: 1979 advance summary. Main series: Mineral industry surveys

1. Mica industry — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03058641

83-11640

I 28.131:981/prelim.

Kyanite and related minerals in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1981, preliminary. Description based on: 1979 preliminary. Main series: Mineral industry surveys

1. Aluminum silicates — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 04023028

83-11641

I 28.131:982/prelim.

Kyanite and related minerals in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1982, preliminary. Description based on: 1979 preliminary. Main series: Mineral industry surveys

1. Aluminum silicates — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 04023028

83-11642

I 28.132:982/prelim.

Fixed nitrogen in ... / U.S. Department of the Interior, Bureau of Mines. Washington, D.C. : The Bureau, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C. 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1982. Description based on: 1982. Main series: Mineral industry surveys Continues: Nitrogen (Washington, D.C.)

1. Nitrogen — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 09302871

83-11643

I 28.133:980/advance

I 28.133:981/prelim.

Perlite in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1980 advance summary; 1981, preliminary. Description based on: 1979 preliminary. Main series: Mineral industry surveys

1. Perlite industry — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. Discard OCLC 03057783

83-11644

I 28.133:982/prelim.

Perlite in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1982, preliminary. Description based on: 1979 preliminary. Main series: Mineral industry surveys

1. Perlite industry — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. Discard OCLC 03057783

83-11645

I 28.134:980/prelim.

Salt in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1980, preliminary. Description based on: 1979 preliminary. Main series: Mineral industry surveys

1. Salt industry and trade — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03025549

83-11646

I 28.134:981/prelim.
I 28.134:981/advance

Salt in ... Washington, D.C. : U.S. Dept. of the Interior, Bureau of Mines, U.S. Dept. of the Interior, Bureau of Mines, Washington, D.C., 20241

v. ; 27 cm. (Mineral industry surveys)

Annual Caption title. 1981, preliminary; 1981 advance summary. Description based on: 1979 preliminary. Main series: Mineral industry surveys

1. Salt industry and trade — United States — Statistics — Periodicals. I. United States. Bureau of Mines. II. Series. OCLC 03025549

## NATIONAL PARK SERVICE
## Interior Dept.
## Washington, DC 20240

83-11647

I 29.8:C 35

United States. National Park Service.

Chalmette National Historical Park, Louisiana / National Park Service, U.S. Department of the Interior. Scale [ca. 1:6,000]. —— [Washington, D.C.?] : The Service, 1982.

1 map : col. ; 19 x 22 cm., on sheet 40 x 22 cm., folded to 10 x 22 cm. Panel title. Text title: The battlefield tour. Northern orientation to upper left. Includes key map and text. On verso: text and ill. ●Item 651-A

1. Jean Lafitte National Historic Park and Preserve (La.) — Maps. I. Title. OCLC 09248203

83-11648

I 29.8:M 86 m

United States. National Park Service.

Mount McKinley National Park. Rev. 1975. Scale [ca. 1:350,000]. —— [Washington, D.C.?] : National Park Service, 1978.

1 map : col. ; 47 x 51 cm., folded to 24 x 11 cm. Relief shown by shading and spot heights. Panel title: Mount McKinley. "Reprint 1978." Includes ill., text, recreation guide, location map, and inset of "Entrance, McKinley Park." On verso: text and ill. (some col.)

1. Mount McKinley National Park (Alaska) — Maps. I. Title. OCLC 09271635

83-11649

I 29.8:P 44/2

United States. National Park Service.

Petrified Forest National Park. Rev. 1978. Scale [ca. 1:120,000]. —— [Washington, D.C.?] : National Park Service, 1979.

1 map : col. ; 39 x 27 cm., folded to 15 x 9 cm. Panel title. "August 1967." "Reprint 1979." Includes text and ill. On verso: text and ill.

1. Petrified Forest National Park (Ariz.) — Maps. I. Title. II. Title: Petrified Forest National Park, Arizona. OCLC 09271488

83-11650

I 29.8:P 58

United States. National Park Service.

Pictured Rocks National Lakeshore, Michigan. Rev. 1975. Scale [ca. 1:250,000]. —— [Washington, D.C.?] : National Park Service, 1976.

1 map : col. ; 16 x 25 cm., folded to 15 x 9 cm. Panel title. Includes index, ill. and location map. On verso: text and ill.

1. Pictured Rocks National Lakeshore (Mich.) — Maps. I. Title. OCLC 09271450

83-11651

I 29.8:P 99

United States. National Park Service.

Pu'uhonua o Honaunau. Rev. 1979. Scale [ca. 1:52,000]. —— [Washington, D.C.?] : National Park Service, 1979.

1 map : col. ; 24 x 25 cm. on sheet 24 x 61 cm. folded to 24 x 11 cm. Panel title. Includes text and col. ill. On verso: text and col. ill.

1. Pu'uhonua o Honaunau National Historical Park (Hawaii) — Maps. I. Title. OCLC 09273140

## FISH AND WILDLIFE SERVICE
## Interior Dept.
## Washington, DC 20240

83-11652

I 49.2:B 53/8

Research plan / section of Bird Damage Control. — Denver, Colo. : Animal Damage Control Program, U.S. Fish and Wildlife Service, Denver Wildlife Research Center, [1981]

1 v. (various pagings) : ill. ; 28 cm. Cover title. "September 1981." ●Item 612 (microfiche)

1. Bird control — United States. I. Denver Wildlife Research Center. Section of Bird Damage Control. II. Animal Damage Control Program (U.S.) OCLC 09314995

83-11653

I 49.2:M 33/3

Fritts, Thomas H.

Pilot study of the marine mammals, birds, and turtles in OCS areas of the Gulf of Mexico / by Thomas H. Fritts and Robert P. Reynolds ; prepared for Coastal Ecosystems Project, Office of Biological Services, Fish and Wildlife Service, U.S. Department of the Interior. — Washington, D.C. : Bureau of Land Management ; Fish and Wildlife Service, U.S. Dept. of the Interior, [1981]

xi, 139 p. : ill. ; 28 cm. "Denver Wildlife Research Center, New Orleans Field Station, Tulane University, Museum of Natural History." "This project was sponsored by the Bureau of Land Management." "September 1981." Bibliography: p. 76. "Contract no. 14-16-009-79-951." "FWS/OBS-81/36." ●Item 612 (microfiche)

1. Continental shelf — Environmental aspects — Mexico, Gulf of. I. Reynolds, Robert P. II. Coastal Ecosystems Project. III. United States. Bureau of Land Management. IV. New Orleans Field Station. V. Tulane University. Museum of Natural History. VI. Title. OCLC 07888383

83-11654

I 49.2:P 27/2

Patuxent Wildlife Research Center / Department of the Interior, U.S. Fish and Wildlife Service. — Washington, D.C. : The Service : For sale by the Supt. of Docs., U.S. G.P.O., [1982?]

16 p. : ill. ; 24 cm. Cover title. ●Item 612 S/N 024-010-00578-5 @ GPO $2.75

1. Patuxent Wildlife Research Center. 2. Wildlife conservation — United States. I. U.S. Fish and Wildlife Service. II. Title. OCLC 09263375

**83-11655**

**I 49.2:T 75/2**

Kincaid, Harold L.

Trout strain registry / by Harold L. Kincaid. — Kearneysville, W. Va. : National Fisheries Center-Leetown, U.S. Fish and Wildlife Service, 1981.

v, 118 p. ; 28 cm. "September 1981." Bibliography: p. 24-34. "FWS/NFC-L/81-1." ●Item 612 (microfiche)

1. Trout. I. National Fisheries Center—Leetown (U.S.) II. Title. OCLC 08758842

**83-11656**

**I 49.6/5:Ec 7/Gulf**

Gulf coast ecological inventory user's guide and information base / by Angelo D. Beccasio ... [et al.] ; performed for U.S. Fish and Wildlife Service, National Coastal Ecosystems Team. — Washington, D.C. : Biological Services Program, U.S. Fish and Wildlife Service, [1982]

viii, 191 p. : ill., maps ; 28 cm. "Dames & Moore." "August 1982." Includes bibliographies. "FWS/OBS-82/55." ●Item 611-R-1

1. Coastal ecology — Gulf Coast (U.S.) 2. Marine ecology — Gulf Coast (U.S.) 3. Fishery resources — Gulf Coast (U.S.) 4. Natural resources — Gulf Coast (U.S.) I. Beccasio, Angelo D. II. National Coastal Ecosystems Team (U.S.) III. Dames & Moore. OCLC 08996315

**83-11657**

**I 49.9:P 49**

Hunting & fishing Pahranagat National Wildlife Refuge, Nevada. — [Washington, D.C.?] : Dept. of the Interior, U.S. Fish and Wildlife Service, [1982]

1 folded sheet (7 p.) : ill., maps ; 23 cm. "October 1982"—P. [7]. "RF 14551-8"—P.[7]. ●Item 612

1. Hunting — Nevada — Pahranagat National Wildlife Refuge. 2. Fishing — Nevada — Pahranagat National Wildlife Refuge. I. U.S. Fish and Wildlife Service. OCLC 09293656

**83-11658**

**I 49.28/3:31**

Amend, Donald F.

Approved procedure for determining absence of infectious hematopotietic necrosis (IHN) in salmonid fishes. — Washington, D.C. : U.S. Dept. of the Interior, Bureau of Sport Fisheries and Wildlife, Division of Fishery Research, [1981]

4 p. ; 28 cm. — (FDL ; 31) Caption title. "Reprinted August 1981." Bibliography: p. 4.

1. Fishes — Diseases — United States. 2. Salmonidae — Diseases. I. United States. Division of Fishery Research. II. Title. III. Series: Fish disease leaflet ; 31. OCLC 09285491

**83-11659**

**I 49.28/3:36**

Snieszko, Stanislas F.

Nutritional (dietary) gill disease and other less known gill diseases of freshwater fishes. — Rev. of FDL-23, 1974. — Washington, D.C. : U.S. Dept. of the Interior, Bureau of Sport Fisheries and Wildlife, Division of Fishery Research, [1981]

2 p. ; 28 cm. — (FDL ; 36) Caption title. "Reprinted August 1981." Bibliography: p. 2.

1. Fishes — Diseases — United States. 2. Bacterial gill diseases. I. United States. Division of Fishery Research. II. Title. III. Series: Fish disease leaflet ; 36. OCLC 09285901

**83-11660**

**I 49.28/3:48**

Hoffman, Glenn L.

Copepod parasites of freshwater fish : Ergasilus, Achtheres, and Salmincola / G.L. Hoffman. — Rev. of Fish disease leaflet 4 (1966). — Washington, D.C. : U.S. Dept. of the Interior, Fish and Wildlife Service, Division of Cultural Methods Research, 1981.

10 p. : ill. ; 28 cm. — (Fish disease leaflet ; 48) "Reprinted Sept. 1981." Bibliography: p. 9-10.

1. Parasites — United States — Fishes. 2. Fishes — Diseases — United States. I. U.S. Fish and Wildlife Service. Division of Cultural Methods Research. II. Title. III. Title: Ergasilus, Achtheres, and Salmincola. IV. Series. OCLC 09314962

**83-11661**

**I 49.28/3:57**

Bullock, G. L.

Enteric redmouth disease of salmonids / G.L. Bullock and S.F. Snieszko. — Rev. of Fish disease leaflet 42 (1975). — Washington, D.C. : U.S. Dept. of the Interior, Bureau of Sport Fisheries and Wildlife, Division of Fishery Research, 1981.

7 p. ; 27 cm. — (Fish disease leaflet ; 57) "1979, reprinted August 1981." Bibliography: p. 4-7.

1. Fishes — Diseases — United States. 2. Salmonidae — Diseases. I. Snieszko, Stanislas F. II. United States. Division of Fishery Research. III. Title. IV. Series. OCLC 09293497

**83-11662**

**I 49.44/2:M 29/2/982**

Malheur National Wildlife Refuge, Oregon. — [Washington, D.C.?] : U.S. Dept. of the Interior, Fish and Wildlife Service, [1982]

1 sheet : ill., 1 map ; 49 x 61 cm. folded to 24 x 11 cm. "June 1982"—P. [4]. "RF 13570-1"—P. [4]. ●Item 612-C

1. Malheur National Wildlife Refuge (Or.) I. U.S. Fish and Wildlife Service. OCLC 09246517

**83-11663**

**I 49.89:82/56**

Wasser, Clinton H.

Ecology and culture of selected species useful in revegetating disturbed lands in the West / by Clinton H. Wasser ; with illustrations and art layout by Jennifer Shoemaker ; performed for Western Energy and Land Use Team, Office of Biological Services, Fish and Wildlife Service, U.S. Department of the Interior. — Washington, D.C. : Fish and Wildlife Service, U.S. Dept. of the Interior : For sale by the Supt. of Docs., U.S. G.P.O., 1982.

ix, 347 p. : ill. ; 28 cm. "Biological Services Program"—Cover. "August 1982." Bibliography: p. 331-347. "FWS/OBS-82/56." "Purchase order 92385-0035-81." ●Item 611-R-1 S/N 024-010-00638-2 @ GPO $9.00

1. Revegetation — West (U.S.) I. Shoemaker, Jennifer W. II. Western Energy and Land Use Team. III. Title. OCLC 09149837

## LAND MANAGEMENT BUREAU
### Interior Dept.
### Washington, DC 20240

**83-11664**

I 53.7/2:M 31

Management guidelines for multiple use of public lands : Gunnison Basin and American Flats-Silverton Planning Areas / Montrose District, Bureau of Land Management, U.S. Department of the Interior. — [Montrose, Colo.?] : The District, [1982?]

ii, 47 p. : ill., maps ; 22 x 28 cm. Cover title. ●Item 633 (microfiche)

1. Land use — Colorado. I. United States. Bureau of Land Management. Montrose District, Colorado. OCLC 09263905

**83-11665**

I 53.7/2:M 66/2/980

Meldrum, John V.

Mineral survey procedures guide, 1980. — [Denver, Colo. : U.S. Bureau of Land Management?] ; Washington, D.C. : For sale by the Supt. of Docs., U.S. G.P.O., 1982.

v, 80 p. : ill., maps ; 27 cm. Includes index. ●Item 633 (microfiche) S/N 024-011-00154-9 $5.00

1. Mineral resources conservation — United States. 2. Cadasters — United States. I. United States. Bureau of Land Management. II. Title. OCLC 07338643

**83-11666**

I 53.11:Id 1/3

United States. Bureau of Land Management.

BLM facts. Idaho. [Boise, Idaho?] : U.S. Dept. of Labor, Bureau of Land Management, Bureau of Land Management, Idaho State Office, Federal Bldg., 550 W. Fort St., Room 398, Boise, Idaho, 83724.

v. ; 23 cm.

Annual Title from cover. Description based on: 1977. Report covers fiscal year 1977. ●Item 629-B (microfiche)

1. Land use — Idaho — Statistics — Periodicals. 2. Idaho — Public lands — Statistics — Periodicals. 3. United States. Bureau of Land Management — Periodicals. I. Title. OCLC 06552977

**83-11667**

I 53.22/2:12

Archaeological investigations in Utah at Fish Springs, Clay Basin, northern San Rafael Swell, southern Henry Mountains / assembled by David B. Madsen, and Richard E. Fike ; in cooperation with the Utah Division of State History. — Salt Lake City, Utah : Utah State Office, Bureau of Land Management, 1982.

1 v. (in various pagings) : ill., maps. ; 28 cm. — (Cultural resource series ; no. 12) Includes bibliographies. Contents: Prehistoric occupation patterns, subsistence adaptations, and chronology in the Fish Springs area, Utah / by D.B. Madsen — An archaeological survey of Clay Basin, Daggett County, Utah / by L.W. Lindsay — The Sitterud bundle, a prehistoric cache from central Utah / by M.P. Benson — Salvage excavations at Ticaboo Town ruin / by D.B. Madsen. ●Item 629-E

1. Archaeology — Utah. I. Madsen, David B. II. Lindsay, La Mar W. III. Fike, Richard E. IV. Utah. Division of State History. V. United States. Bureau of Land Management. Utah State Office. VI. Series: Cultural resource series (United States. Bureau of Land Management. Utah State Office) ; no. 12. OCLC 09011082

## UNITED STATES INTERNATIONAL TRADE COMMISSION
### Washington, DC 20436

**83-11668**

ITC 1.10:983

United States International Trade Commission.

Tariff schedules of the United States, annotated, 1983 : for use in classification of imported merchandise for rate of duty and statistical purposes / United States International Trade Commission. — Washington : The Commission : For sale by the Supt. of Docs. , U.S. G.P.O., 1982.

1 v. (loose-leaf) ; 28 cm. — (USITC publication ; 1317) Chiefly tables. Includes index. ●Item 982-B S/N 049-000-81001-6 @ GPO $37.00 (U.S. includes basic manual and transmittals for an indefinate period) $46.25 (foreign)

1. Tariff — United States — Tables. I. Title. II. Series. OCLC 09028243

**83-11669**

ITC 1.11:1-7-30

Grant, Lowell C.

Summary of trade and tariff information : corn and milled corn products : TSUS items 130.30-130.38, 131.20,, and 131.60. — Washington, D.C. : United States International Trade Commission, [1982]

vi, 44 p. ; 28 cm. — (USITC publication ; 841) Cover title. "October 1982." "Control no. 1-7-30." ●Item 982-B (microfiche)

1. Corn — Statistics. 2. Corn products industry — Statistics. 3. Corn industry — Statistics. I. United States International Trade Commission. II. Title. III. Series. OCLC 09262970

**83-11670**

ITC 1.11:1-9-26

Summary of Trade and tariff information : vine fruit, berries, grapes, and melons : TSUS items 146.50-146.86, 147.60-146.77, 148.10-148.32, and 152.7620. — Washington, D.C. : U.S. International Trade Commission, [1982]

65 p. ; 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of the Tariff Schedules of the United States." "August 1982." Includes bibliographical references. "Control no. 1-9-26." ●Item 982-B (microfiche)

1. Fruit — Marketing — Statistics. I. United States International Trade Commission. II. Title: Vine fruit, berries, grapes, and melons. III. Series. OCLC 09025179

**83-11671**

ITC 1.11:1-15-24

Summary of trade and tariff information : miscellaneous animal products : TSUS items 190.10-191.18. — Washington, D.C. : U.S. International Trade Commission, [1982]

iii, 31, [1] p. ; 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of the Tarriff Schedules of the United States." "June 1982." "Control no. 1-15-24." ●Item 982-B (micorfiche)

1. Shellfish — United States — Statistics. I. United States International Trade Commission. II. Title: Miscellaneous animal products. III. Series. OCLC 08646237

**83-11672**

ITC 1.11:1-1,2-28

Ludwick, David E.

Summary of trade and tariff information : live hogs and pork ; TSUS items 100.01 (pt.), 100.85, 106.40, 106.80 (pt.)-106.85 (pt.), 107.10-.15, 107.30-.35. — Washington, D.C. : United States International Trade Commission, [1982]

vi, 61 p. ; ill. ; 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of the Tarfiff Schedules of the United States." "August 1982." "Control no. 1-1,2-28." ●Item 982-B (microfiche)

1. Swine — United States — Statistics. 2. Pork industry and trade — United States — Statistics. I. United States International Trade Commission. II. Title. III. Series. OCLC 09015620

**83-11673**

**ITC 1.11:2-1-11**

Summary of trade and tariff information : millwork : TSUS items 200.91-200.95, 202.62-202.66, 206.30, 206.60-206.67, 207.00 (207.45, 207.55). — Washington, D.C. : U.S. International Trade Commission, [1982]

59 p. ; 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of the Tariff Schedules of the United States." "October 1982." "Control no. 2-1-11." ●Item 982-B (microfiche)

1. Millwork (Woodwork) — Statistics. 2. Woodwork — Statistics. I. United States International Trade Commission. II. Series. OCLC 09277271

**83-11674**

**ITC 1.11:3-6-14**

Burns, J. Gail.

Summary of trade and tariff information : women's, girls', and infants' shirts and blouses, TSUS items 383.00, 383.02, -.03, 383.05, -.08, 383.10, 383.13, 383.15, -.16, 383.18, -.20, 383.22, -.23, 383.25, 383.27, -.30, 383.45, 383.47, -.50, 383.53, 383.55, -.58, -.63, 383.68, 383.65, -.66, -.70, -.75,- 383.77, 383.77 [sic.], 383.78, 383.80, -.86, 383.88, 383.90, -.92, 383.95. — Washington, D.C. : U.S. International Trade Commission, [1982]

vi, 61 p. ; 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of the Tariff Schedules of the United States." "September 1982." Includes bibliographical references. "Control no. 3-6-14." ●Item 982-B (microfiche)

1. Women's clothing industry — United States — Statistics. 2. Children's clothing industry — United States — Statistics. 3. Tariff on infants' clothing — United States — Statistics. I. United States International Trade Commission. II. Title. III. Series. OCLC 09285649

**83-11675**

**ITC 1.11:4-2-14**

Conant, Kenneth J.

Summary of trade and tariff information : aliphatic organic chemicals (excluding monohydric alcohols), TSUS items 425.00-425.28, 425.32-427.64, 428.20-429.48, and 429.60-430.20 (pt.). — Washington, D.C. : U.S. International Trade Commission, [1982]

viii, 85 p. ; 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of the Tariff Schedules of the United States." "September 1982." "Control no. 4-2-14." ●Item 982-B (microfiche)

1. Organic compounds. 2. Chemicals — Manufacture and industry — Statistics. I. United States International Trade Commission. II. Title. III. Series. OCLC 09061913

**83-11676**

**ITC 1.11:4-6-13**

Noreen, Bonnie J.

Summary of trade and tariff information : glue, gelatin, and related products, TSUS items 455.02 455.46. — Washington, D.C. : U.S. International Trade Commission, [1982]

vii, 53 p. ; 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of the Tariff Schedules of the United States." "August 1982." Includes bibliographical references. "Control no. 4-6-13." ●Item 982-B (microfiche)

1. Glue. 2. Gelatin. 3. Adhesives industry — United States — Statistics. I. United States International Trade Commission. II. Title. III. Series. OCLC 09015759

**83-11677**

**ITC 1.11:4-9-5**

Johnson, J. Lawrence (Jesse Lawrence), 1947-

Summary of trade and tariff information : titanium dioxide pigments, TSUS item no. 473.70. — Washington, D.C. : U.S. International Trade Commission, [1981]

v, 27 p. ; 28 cm. — (USITC Publication ; 841) Cover title. "Prepared in terms of Tariff Schedules of the United States." "April 1981." Includes bibliographical references. "Control no. 4-9-5." ●Item 982-B (microfiche)

1. Titanium compounds. 2. Tariff — United States — Law. I. United States International Trade Commission. II. Title. III. Title: Titanium dioxide pigments. IV. Series. OCLC 09262191

**83-11678**

**ITC 1.11:6-2-31**

Woods, Pamela F.

Summary of trade and tariff information : precious metals, TSUS items 605.02-644.60. — Washington, D.C. : U.S. International Trade Commission, [1982]

50 p. ; 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of the Tariff Schedules of the United States." "October 1982." "Control no. 6-2-31." ●Item 982-B (microfiche)

1. Metal trade — United States — Statistics. I. United States International Trade Commission. II. Title. III. Title: Precious metals. IV. Series. OCLC 09306408

**83-11679**

**ITC 1.11:6-3-29**

Brandon, James M.

Summary of trade and tariff information : fasteners and hardware, TSUS items 646.02-647.10. — Washington, D.C. : U.S. International Trade Commission, [1982]

56 p. ; 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of the Tariff Schedules of the United States." "September 1982." "Control no. 6-3-29." ●Item 982-B (microfiche)

1. Tariff on fastenings — United States — Statistics. 2. Hardware — United States — Statistics. 3. Fasteners industry — United States — Statistics. I. United States International Trade Commission. II. Title. III. Title: Fasteners and hardware. IV. Series. OCLC 09286034

**83-11680**

**ITC 1.11:6-4-27**

Slingerland, David W.

Summary of trade and tariff information : pulp and paper machinery bookbinding machinery ; TSUS items 668.00, 668.02, 668.04, 668.06, 668.07, and 668.10. — Washington, D.C. : U.S. International Trade Commission, [1982]

vi, 34 p. ; 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of the [i.e. Tariff Schedules] of the United States." "August 1982." "Control No. 6-4-27." ●Item 982-B (microfiche)

1. Paper making and trade — Statistics. 2. Paper-making machinery — Statistics. 3. Bookbinding machinery — Statistics. I. United States International Trade Commission. II. Title. III. Series. OCLC 09001454

83-11681

ITC 1.11:6-5-22

Hogge, Nelson J.

Summary of trade and tariff information : semiconductors, TSUS items 687.70-.77, 687.81, 687.85, and 687.87-.89. — Washington, D.C. : U.S. International Trade Commission, [1982]

v, 30 p. : ill. ; 28 cm. — (USITC publication ; 841) Cover title. "July 1982." "Prepared in terms of the Tariff Schedules of the United States." "Control no. 6-5-22." ●Item 982-B (microfiche)

1. Semiconductor industry — Statistics. 2. Semiconductors — Statistics. I. United States International Trade Commission. II. Series. OCLC 08824167

83-11682

ITC 1.11:6-5-28

Fletcher, William B.

Summary of trade and tariff information : telephone and telegraph apparatus, radio navigational aid, radar, and radio, remote control apparatus, TSUS items 684.62-684.64 and 685.60-685.61. — Washington, D.C. : United States International Trade Commission, [1982]

iii, 24 p. ; 28 cm. — (USITC publication ; 841) Cover title. "September 1982." "Prepared in terms of the Tariff Schedules of the United States." "Control No. 6-5-28." ●Item 982-B (microfiche)

1. Telephone — Apparatus and supplies — Statistics. 2. Telegraph — Apparatus and supplies — Statistics. 3. Radio — Apparatus and supplies — Statistics. 4. Radar — Equipment and supplies — Statistics. 5. Aids to navigation — Equipment and supplies — Statistics. I. United States International Trade Commission. II. Title. III. Series. OCLC 09061938

83-11683

ITC 1.11:6-4,5-21

Paris, Nancy S.

Summary of trade and tariff information : certain consumer and industrial electrical products : TSUS items 678.50 (pt.), 683.90-68395, 685.33-685.55, and 688.44-688.47. — Washington, D.C. ; United States International Trade Commission, [1982]

44 p. ; 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of the Tariff Schedules of the United States." "July 1982." "Control no. 6-4,5-21." ●Item 982-B (microfiche)

1. Household electronics industry — United States — Statistics. I. United States International Trade Commission.. II. Title. III. Title: Certain consumer and industrial electrical products. IV. Series. OCLC 08821559

83-11684

ITC 1.11:6-4,5-30

Jackson, Georgia P.

Summary of trade and tariff information : certain electrical household and commercial appliances and parts : TSUS items 66.20(pt.), 670.40-670.42, 670.43(pt.), 683.30-683.50, and 684.10-684.55. — Washington, D.C. : U.S. International Trade Commission, [1982]

v, 46, [1] p. ; 28 cm. — (USITC publication ; 841) Cover title. "September 1982." "Control no. 6-4, 5-30." "Control no. 6-4, 5-30." ●Item 982-B (microfiche)

1. Electric apparatus and appliances — United States. I. United States International Trade Commission. II. Title. III. Series. OCLC 09319097

## IMMIGRATION AND NATURALIZATION SERVICE
## Justice Dept.
## Washington, DC 20536

83-11685

J 21.6/2:952/rep.982

United States. Immigration and Naturalization Service.

Code, operations instructions, regulations, and interpretations / United States Department of Justice, Immigration and Naturalization Service. — Washington, D.C. : The Service : For sale by the Supt. of Docs., U.S. G.P.O., 1982.

1 v. (looseleaf) ; 24 cm. "Current through operations instructions and interpretations transmittal memo no. 102 dated 2-17-82." ●Item 726-A S/N 027-002-81003-1 @ GPO $210.00 (U.S., includes basic manual and transmittals for an indeterminate period) $262.50 (foreign)

1. United States. Immigration and Naturalization Service — Rules and practice. 2. Emigration and immigration law — United States. 3. Naturalization — United States. 4. International travel regulations. I. Title. OCLC 09127607

83-11686

J 21.11:16/listing

United States. Board of Immigration Appeals.

Listing of precedent decisions that have not been published in bound volumes as of June 15, 1981. — [Washington, D.C.? : Board of Immigration Appeals : Immigration and Naturalization Service], 1981.

10 p. ; 28 cm. Caption title. "Listing ... of ... precedent decisions produced by the Board of Immigration Appeals and the Immigration and Naturalization Service"—P. [1] "Administrative decisions under immigration and nationality laws of the United States"—P. [1] "Supersedes all preious listings"—P. [1] "Numbered decisions ... 2711 through 2870"—P. [1] ●Item 723

1. Emigration and immigration law — United States. I. United States. Immigration and Naturalization Service. II. Title. III. Title: Administrative decisions under immigration and nationality laws of the United States. OCLC 09302404

83-11687

J 21.11:16/listing/982

United States. Board of Immigration Appeals.

Listing of precedent decisions that have not been published in bound volumes as of January 15, 1982. — [Washington, D.C.? : Board of Immigration Appeals : Immigration and Naturalization Service], 1982.

[10] p. ; 28 cm. Caption title. Listing ... of ... precedent decisions produced by the Board of Immigration Appeals and the Immigration and Naturalization Service"—P. [1] "Administrative decisions under immigration and nationality laws of the United States"—P. [1] "Supersedes all previous listings"—P. [1] "Numbered decisions ... 2711 through 2893"—P. [1] ●Item 723

1. Emigration and immigration law — United States. I. United States. Immigration and Naturalization Service. II. Title. III. Title: Administrative decisions under immigration and nationality laws of the United States. OCLC 09302429

## COMMUNITY RELATIONS SERVICE
**Justice Dept.**
**Washington, DC 20530**

**83-11688**

**J 23.1:981**

United States. Community Relations Service.

Annual report / Community Relations Service. [Washington, D.C.] : The Service, U.S. Dept. of Justice, Community Relations Service, Washington, D.C. 20530

v. ; 20 x 26 cm.-28 cm.

Began with 1964/65. Previously classed: C 50.1: Description based on: 1980. Report for 1965 covers fiscal year 1965 and first quarter of fiscal year 1966. Report covers fiscal year 1981. Vol. for 1964/65 issued by the Service under the Dept. of Commerce. ●Item 208-A ISSN 0565-1727

1. United States — Race relations — Periodicals. 2. Race discrimination — United States — Periodicals. 3. Minorities — United States — Periodicals. Key Title: Annual report - Community Relations Service, United States Department of Justice I. Title. OCLC 01494629

## DRUG ENFORCEMENT ADMINISTRATION
**Justice Dept.**
**Washington, DC 20537**

**83-11689**

**J 24.2:C 76/2**

CSA drug activities since October 27, 1970. — [Washington, D.C.?] : U.S. Dept. of Justice, Drug Enforcement Administration, [1982].

2, 2 p. in various pagings ; 22 x 29 cm. Cover title. "12-03-82"—P. 1. Tables. ●Item 967

1. Drugs — Law and legislation — United States. I. United States. Drug Enforcement Administration. II. Title: C.S.A. drug activities since October 27, 1970. OCLC 09310869

## LAW ENFORCEMENT ASSISTANCE ADMINISTRATION
**Justice Dept.**
**Washington, DC 20531**

**83-11690**

**J 26.2:J 19/2**

Jail overcrowding and pretrial detention : a program evaluation (May 1979-Sept. 1980) : executive summary / prepared by Anita S. West ... [et al.] ; prepared by the Denver Research Institute, Social Systems Research & Evaluation Division, under LEAA grant no. 79-ED-AX-0034. — Washington, D.C. : U.S. Dept. of Justice, Law Enforcement Assistance Administration, 1981.

51 p. ; 28 cm. Includes bibliographical references. ●Item 968-H-1 (microfiche)

1. Prisons — United States. 2. Pre-trial procedure — United States. I. West, Anita S. II. United States. Law Enforcement Assistance Administration. III. Denver Research Institute. Social Systems Research and Evaluation Division. OCLC 09277258

## NATIONAL INSTITUTE OF JUSTICE
**Justice Dept.**
**Washington, DC 20004**

**83-11691**

**J 28.2:N 32/2**
**J 28.2:N 32/2/exec.sum.**

Fowler, Floyd J.

Neighborhood crime, fear and social control : a second look at the Hartford program / Floyd J. Fowler, Jr., Thomas W. Mangione. — Washington, D.C. : U.S. Dept. of Justice, National Institute of Justice, 1982.

2 v. : ill. ; 28 cm. "April 1982." "Supported by grant no. 79-NI-AX-0026 awarded to the Center for Survey Research, by the National Institute of Justice, under the Omnibus Crime Control and Safe Streets Act of 1968"—T.p. verso. Second vol. is Executive summary. Includes bibliographies. ●Item 718-A (microfiche)

1. Crime prevention — Connecticut — Hartford. I. Mangione, Thomas W. II. National Institute of Justice (U.S.) III. University of Massachusetts at Boston. Center for Survey Research. IV. Title. OCLC 09079418

## JUSTICE STATISTICS BUREAU
**Bethesda, MD 20014**

**83-11692**

**J 29.2:In 3/3**

Criminal justice information policy : research access to criminal justice data. — Washington, D.C. : U.S. Dept. of Justice, Bureau of Justice Statistics, [1982?]

xv, 61 p. ; 23 cm. "Prepared by the MITRE Corporation under BJS awards 80-BJ-CX-0031 and X-C-12-50-02-13"—T.p. verso. Bibliography: p. 56-60. "NCJ-84154"—Prelim. p. ●Item 717-R-1

1. Criminal statistics — United States. 2. Criminal registers — United States. 3. Criminal justice, Administration of — Research — United States. 4. Privacy, Right of — United States. I. Mitre Corporation. II. United States. Bureau of Justice Statistics. OCLC 09257233

## SUPREME COURT
**Washington, DC 20543**

**83-11693**

**Ju 6.8:448**

United States. Supreme Court.

United States reports : cases adjudged in the Supreme Court at ... Washington : U.S. G.P.O. : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C., 20402

v. ; 24 cm.

$21.00

Began with v. 108, 1883. Vol. 448, June 25-Sept. 18, 1980. Description based on: Vol. 437 (June 14 through June 23, 1978) Vols. -439 supervised by Henry Putzel, Jr., reporter of decisions; vols. 440- by Henry C. Lind. ●Item 741 S/N 028-001-00412-1 Continues: United States. Supreme Court. United States reports, Supreme Court

1. Law reports, digests, etc. — United States — Periodicals. I. Putzel, Henry, reporter. II. Lind, Henry C., reporter. III. Title. OCLC 04384322

## ADMINISTRATIVE OFFICE OF UNITED STATES COURTS
### Washington, DC 20544

83-11694

Ju 10.1/2:982

Judicial Conference of the United States.

[Reports of the proceedings of the Judicial Conference of the United States (1963)] Reports of the proceedings of the Judicial Conference of the United States. Washington, D.C. : The Conference : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

$10.00 Issues for 1968-19(74) were classed: Ju 10.1: Reports of the Judicial Conference held in Washington, D.C., Mar. 16-17, 1982 and Sept. 22-23, 1982, and annual report for 1982. Description based on: Mar. 7-9, 1979 and Sept. 19-10, 1979. Includes: United States. Administrative Office of the United States Courts. Annual report of the Director for the twelve month period ending ... ISSN 0095-7836, (called Annual report of the Director of the Administrative Office of the United States Courts). Issued also separetely. ●Item 728 S/N 028-004-00051-6 Continues: Judicial Conference of the United States. Annual reports of the proceedings of the Judicial Conference of the United States Related records: Judicial Conference of the United States. Report of the proceedings of the Judical Conference of the United States (1965?)

1. Courts — United States — Periodicals. 2. Justice, Administration of — United States — Periodicals. 3. Judicial statistics — United States — Periodicals. 4. United States. Administrative Office of the United States Courts — Periodicals. 5. Judicial Conference of the United States — Periodicals. I. United States. Administrative Office of the United States Courts. Annual report of the Director of the Administrative Office of the United States Courts. II. Title. OCLC 08721524

## FEDERAL JUDICIAL CENTER
### Washington, DC 20005

83-11695

Ju 13.2:B 22

Shapard, John.

The 1981 bankruptcy court time study / by John E. Shapard. — Washington, D.C. : Federal Judicial Center, 1982.

v, 107 p. : ill. ; 28 cm. "November 1982." Includes bibliographical references. "FJC-R-82-7"—T.p. verso. ●Item 743-C-1

1. Bankruptcy — United States. I. Federal Judicial Center. II. Title. OCLC 09205337

83-11696

Ju 13.10:82-3

Bermant, Gordon.

The cases of the United States Court of Appeals for the District of Columbia Circuit / by Gordon Bermant, Patricia A. Lombard, and Carroll Seron ; assisted by Rama Bar-Adon, Joseph Matta, and Sam Spina. — Washington, D.C. : Federal Judicial Center, 1982.

xiii, 56 p. : ill. ; 24 cm. "July 1982." Includes bibliographical references. "FJC-R-82-3"—T.p. verso. ●Item 743-C-3

1. United States. Court of Appeals (District of Columbia Circuit) I. Lombard, Patricia A. II. Seron, Carroll. III. Federal Judicial Center. IV. Title. OCLC 08868455

## LABOR DEPARTMENT
### Washington, DC 20210

83-11697

L 1.42/2:982

United States. President.

Employment and training report of the President. Washington, D.C. : U.S. Dept. of Labor : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Gov. Print. Off., Washington, D.C., 20402

v. : ill. ; 28 cm.

Annual

$10.00

Began with 1976 "Including reports by the U.S. Department of Labor, and the U.S. Department of Health and Human Services." "Transmitted to the Congress." Document ed. also issued previously. 1982. Description based on: 1980. Vols. for 1976- prepared by the Dept. of Labor, Employment and Training Administration ; 1976-1978 prepard jointly with the Dept. of Health, Education, and Welfare, Office of Human Development ; 1979 with the Office of Human Development Services ; 1981- with the U.S. Dept. of Education. ●Item 746-C S/N 029-000-00413-7 ISSN 0145-2444 Continues: Manpower report of the President ISSN 0502-4544

1. Labor supply — United States — Statistics — Periodicals. 2. Manpower policy — United States — Statistics — Periodicals. I. United States. President. II. United States. Employment and Training Administration. III. United States. Office of Human Development Services. IV. United States. Office of Human Development. V. United States. Dept. of Education. VI. Title. sn-81004528 OCLC 02563478

## LABOR STATISTICS BUREAU
### Labor Dept.
### Washington, DC 20212

83-11698

L 2.3:2119

Bush, Joseph C.

Industry wage survey : life insurance, February 1980. — Washington, D.C. : U.S. Dept. of Labor, Bureau of Labor Statistics : For sale by the Supt. of Docs., U.S. G.P.O., 1981.

v, 46 p. : ill. ; 28 cm. — (Bulletin ; 2119) "December 1981." ●Item 768-A-1 (microfiche) S/N 029-001-02648-0 @ GPO $3.25

1. Wages — Insurance companies — United States. 2. Insurance companies — Employees — United States. I. United States. Bureau of Labor Statistics. II. Title. III. Series: Bulletin (United States. Bureau of Labor Statistics) ; 2119. OCLC 09262295

83-11699

L 2.3:2146

Labor and material requirements for federal building construction. — Washington, D.C. : U.S. Dept. of Labor, Bureau of Labor Statistics : For sale by the Supt. pf Docs., U.S. G.P.O., [1983]

vi, 54 p. : forms ; 28 cm. — (Bulletin / U.S. Dept. of Labor, Bureau of Labor Statistics ; 2146) "January 1983." Includes bibliographical references. ●Item 768-A-1 S/N 029-001-02741-9 @ GPO $4.75

1. Building — Contracts and specifications — United States. 2. Building trades — United States. 3. Construction workers — United States. 4. United States — Public buildings. I.

United States. Bureau of Labor Statistics. II. Series: Bulletin (United States. Bureau of Labor Statistics) ; 2146. OCLC 09271096

**83-11700**

**L 2.3:2148**

Terry, Sylvia Lazos.

Unemployment and its effect on family income in 1980. — Washington, D.C. : U.S. Dept. of Labor, Bureau of Labor Statistics : For sale by the Supt. of Docs., U.S. G.P.O., 1982.

38 p. in various pagings ; 28 cm. — (Bulletin ; 2148) "September 1982." Includes bibliographical references. ●Item 768-A-1 S/N 029-001-02713-3 @ GPO $4.50

1. Unemployed — United States — Statistics. 2. Income — United States. I. United States. Bureau of Labor Statistics. II. Title. III. Series: Bulletin (United States. Bureau of Labor Statistics) ; 2148. OCLC 09306707

**83-11701**

**L 2.3:2154**

Labor and material requirements for hospital and nursing home construction. — Washington, D.C. : U.S. Dept. of Labor, Bureau of Labor Statistics : For sale by the Supt. of Docs., U.S. G.P.O., 1982 [i.e. 1983]

v, 66 p. : ill. ; 28 cm. — (Bulletin ; 2154) "January 1983." Includes bibliographical references. ●Item 768-A-1 S/N 029-001-02745-1 @ GPO $5.00

1. Hospitals — United States — Design and construction. 2. Nursing homes — United States — Design and construction. 3. Building — Contracts and specifications — United States. I. United States. Bureau of Labor Statistics. II. Series: Bulletin (United States. Bureau of Labor Statistics) ; 2154. OCLC 09288958

**83-11702**

**L 2.3:2159**

Educational attainment of workers / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C., 20402

v. ; 28 cm. (Special labor force report) (Bulletin / U.S. Department of Labor, Bureau of Labor Statistics ; 2159)

Annual

$4.75 Title from cover. Previously classed as: L 2.98: Mar. 1981. Description based on: 1979. ●Item 768-A-1 S/N 029-001-02743-5 Main series: Special labor force report Main series: Bulletin (United States. Bureau of Labor Statistics)

1. Labor and laboring classes — Education — United States — Periodicals. I. United States. Bureau of Labor Statistics. II. Series. III. Series: Bulletin (United States. Bureau of Labor Statistics) ; 2159. OCLC 04298293

**83-11703**

**L 2.3:2160**

Work-related hand injuries and upper extremity amputations. — Washington, D.C. : U.S. Dept. of Labor, Bureau of Labor Statistics : For sale by the Supt. of Docs., G.P.O., 1983.

iv, 38 p. : ill. ; 28 cm. — (Bulletin / U.S. Dept. of Labor, Bureau of Labor Statistics ; 2160) "December 1982." ●Item 768-A-1 S/N 029-001-02740-1 @ GPO $4.50

1. Industrial accidents — United States. 2. Hand — Wounds and injuries. 3. Amputations of arm. I. United States. Bureau of Labor Statistics. II. Series: Bulletin (United States. Bureau of Labor Statistics) ; 2160. OCLC 09303571

**83-11704**

**L 2.3:2162**

Job tenure and occupational change / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs, U.S. Govt. Print. Off., Washington, D.C., 20402

v. ; 28 cm. (Special labor force report) (Bulletin / U.S. Department of Labor, Bureau of Labor Statistics ; 2162)

$4.50 1981. Description based on: 1981. ●Item 768-A-1 S/N 029-001-02742-7 Main series: Special labor force report Main series: Bulletin (United States. Bureau of Labor Statistics)

1. Labor turnover — United States — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. II. Series. III. Series: Bulletin (United States. Bureau of Labor Statistics) ; 2162. OCLC 09246664

**83-11705**

**L 2.3:2164**

Occupational injuries and illnesses in the United States by industry / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C., 20402

v. ; 28 cm. (Bulletin / U.S. Department of Labor, Bureau of Labor Statistics ; 2164)

Annual

$4.75

Began with 1973. 1981. Description based on: 1980. ●Item 768-A-1 S/N 029-001-02746-0 ISSN 0162-010X Main series: Bulletin (United States. Bureau of Labor Statistics) Continues: Occupational injuries and illnesses by industry

1. Industrial accidents — United States — Statistics — Periodicals. 2. Industrial hygiene — United States — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. II. Series: Bulletin (United States. Bureau of Labor Statistics) ; 2164. HD7262.5.U6U54a 78-641536 //r82 614.8/52/0973 OCLC 04072093

**83-11706**

**L 2.3:2165**

Bargaining calendar / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 28 cm. (Bulletin / U.S. Department of Labor, Bureau of Labor Statistics ; 2165)

Annual

$5.00

Began with 1978. 1983. Description based on: 1981. ●Item 768-A-1 S/N 029-001-02748-6 Main series: Bulletin (United States. Bureau of Labor Statistics) Continues: Wage calendar

1. Collective labor agreements — United States — Statistics — Periodicals. 2. Collective bargaining — United States — Periodicals. 3. Wages — United States — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. II. Series: Bulletin (United States. Bureau of Labor Statistics) ; 2165. HD8051.A834b 79-644970 //r812 [HD8064] 331/.0973 s [331.89/0973] OCLC 04763148

**83-11707**

**L 2.3/2:3010-72**

Area wage surveys. Selected metropolitan areas / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau : [For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Wash., DC 20402

v. ; 21 x 28 cm. (Bulletin / U.S. Department of Labor, Bureau of Labor Statistics ; 3010-72)

Annual

$6.00

Began with 1968/69 issue. Title from cover. 1981. Description based on: 1978. ●Item 768-A-1 (microfiche) S/N 029-001-02736-2 Main series: Bulletin (United States. Bureau of Labor Statistics) Continues in part: Occupational wage survey (Washington, D.C.)

1. Wages — United States — Statistics — Periodicals. 2. Non-wage payments — United States — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. II. Series: Bulletin (United States. Bureau of Labor Statistics) ; 3010-72. HD4973.A462 82-643247 331.2/973 OCLC 01285592

**83-11708**

**L 2.3/2:3015-66**

Area wage survey. Dayton, Ohio, metropolitan area / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau : [For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 21 x 28 cm. (Bulletin / U.S. Department of Labor, Bureau of Labor Statistics ; 3015-66)

Annual

$3.75

Began with 1966. Title from cover. Previously classed: L 2.3: Dec. 1982. Description based on: 1980. ●Item 768-B-35 (microfiche) S/N 029-001-90187-9 Main series: Bulletin (United States. Bureau of Labor Statistics) Continues in part: Occupational wage survey

1. Wages — Ohio — Dayton metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. II. Series: Bulletin (United States. Bureau of Labor Statistics) ; 3015-66. OCLC 02237029

**83-11709**

**L 2.3/2:3015-67**

Area wage survey. San Diego, California, metropolitan area / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau : [For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C., 20402

v. ; 21 x 28 cm. (Bulletin / U.S. Department of Labor, Bureau of Labor Statistics ; 3015-67)

Annual

$3.50

Began with 1965. Title from cover. Previously classed: L 2.3: Nov. 1982. Description based on: 1980. ●Item 768-B-05 (microfiche) S/N 029-001-90188-7 Main series: Bulletin (United States. Bureau of Labor Statistics) Continues in part: Occupational wage survey

1. Wages — California — San Diego metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. II. Series: Bulletin (United States. Bureau of Labor Statistics) ; 3015-67. OCLC 02237017

**83-11710**

**L 2.104/2:976**

Employment and wages, annual average / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 28 cm.

Annual 1976. Description based on: 1976. ●Item 768-D (microfiche)

1. Labor supply — United States — Statistics — Periodicals. 2. Wages — United States — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09269459

**83-11711**

**L 2.113:Al 1/2/982**

Area wage survey. Albuquerque, N. Mex. / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Sept. 1982. Description based on: 1981.

1. Wages — New Mexico — Albuquerque metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08134870

**83-11712**

**L 2.113:Al 7/982**

Area wage survey. Alpena-Standish-Tawas City, Mich. / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. July 1982. Description based on: July 1982.

1. Wages — Michigan — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09290806

**83-11713**

**L 2.113:An 7/981**

Area wage survey. Ann Arbor, Mich. / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Oct. 1981. Description based on: Oct. 1981.

1. Wages — Michigan — Ann Arbor metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09274143

**83-11714**

**L 2.113:An 8/981**

Area wage survey. Antelope Valley, Calif. / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Dec. 1981. Description based on: Dec. 1981.

1. Wages — California — Antelope Valley — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09297902

**83-11715**

**L 2.113:As 3/982**

Area wage survey. Asheville, N.C. / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. May 1982. Description based on: 1981.

1. Wages — North Carolina — Asheville metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08135095

83-11716

L 2.113:Au 4/982

Area wage survey. Augusta, Ga.-S.C. / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Jan. 1982. Description based on: 1981.

1. Wages — Georgia — Augusta metropolitan area x Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08135200

83-11717

L 2.113:Au 7/981

L 2.113:Au 7/982

Area wage survey. Austin, Tex. / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Dec. 1981; Dec. 1982. Description based on: Dec. 1981.

1. Wages — Texas — Austin metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09274775

83-11718

L 2.113:B 17/981

Area wage survey. Bakersfield, Calif. / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Dec. 1981. Description based on: Dec. 1981.

1. Wages — California — Bakersfield metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09274709

83-11719

L 2.113:B 32/982

Area wage survey. Battle Creek, Mich. / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Mar. 1982. Description based on: 1981.

1. Wages — Michigan — Battle Creek metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08182006

83-11720

L 2.113:B 53/982

Area wage survey. Birmingham, Ala. / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Mar. 1982. Description based on: 1981.

1. Wages — Alabama — Birmingham — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08135256

83-11721

L 2.113:C 38/2/982

Area wage survey. Charleston-North Charleston-Walterboro, S.C. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Sept. 1982. Description based on: 1981.

1. Wages — South Carolina — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08134095

83-11722

L 2.113:C 38/982

Area wage survey. Charlotte-Gastonia, N.C. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for June 1982. Description based on: 1981.

1. Wages — North Carolina — Charlotte — Statistics — Periodicals. 2. Wages — North Carolina — Gastonia — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08165344

83-11723

L 2.113:C 56/982

Area wage survey. Clarksville-Hopkinsville, Tenn.-Ky. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Mar. 1982. Description based on: 1981.

1. Wages — Tennessee — Clarksville — Statistics — Periodicals. 2. Wages — Kentucky — Hopkinsville — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08182113

83-11724

L 2.113:C 72/3/982

Area wage survey. Columbia-Sumter, S.C. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Jan. 1982. Description based on: 1981.

1. Wages — South Carolina — Columbia — Statistics — Periodicals. 2. Wages — South Carolina — Sumter — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08135715

83-11725

L 2.113:C 72/982

Area wage survey. Columbus, Miss. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for June 1982. Description based on: 1981.

1. Wages — Mississippi — Columbus — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08165245

83-11726

L 2.113:G 11/982

Area wage survey. Gadsden and Anniston, Ala. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Summary for July 1982. Description based on: 1981.
1. Wages — Alabama — Gadsden — Statistics — Periodicals. 2. Wages — Alabama — Anniston — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08182399

83-11727

L 2.113:G 58/982

Area wage survey. Goldsboro, N.C. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Summary for July 1982. Description based on: 1981.
1. Wages — North Carolina — Goldsboro — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08164825

83-11728

L 2.113:P 39/982

Area wage survey. Peoria, Ill. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Summary for Feb. 1982. Description based on: 1981.
1. Wages — Illinois — Peoria — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08136352

83-11729

L 2.113:P 56/982

Area wage survey. Phoenix, Ariz. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Summary for June 1982. Description based on: 1981.
1. Wages — Arizona — Phoenix — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08136408

83-11730

L 2.113:Se 4/982

Area wage survey. Selma, Ala. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Summary for July 1982. Description based on: 1981.
1. Wages — Alabama — Selma — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08164575

83-11731

L 2.113:Sh 8/982

Area wage survey. Shreveport, La. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Summary for Apr. 1982. Description based on: 1981.
1. Wages — Louisiana — Shreveport — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08136610

83-11732

L 2.113:Sp 8/982

Area wage survey. Springfield, Ill. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Summary for Dec. 1982. Description based on: 1981.
1. Wages — Illinois — Springfield — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08136650

83-11733

L 2.113:St 6/982

Area wage survey. Stockton, Calif. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Summary for Aug. 1982. Description based on: 1981.
1. Wages — California — Stockton — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08136768

83-11734

L 2.113:T 15/982

Area wage survey. Tampa-St. Petersburg, Fla. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Summary for July 1982. Description based on: 1981.
1. Wages — Florida — Tampa — Statistics — Periodicals. 2. Wages — Florida — Saint Petersburg — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08164643

83-11735

L 2.113:T 82/982

Area wage survey. Tulsa, Okla. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Summary for June 1982. Description based on: June 1981.
1. Wages — Oklahoma — Tulsa — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08138041

83-11736

L 2.113/2:B 17/981

Laundry and dry cleaning wage survey, Bakersfield, Calif. / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Dec. 1981. Description based on: Dec. 1981.
1. Wages — Laundry workers — California — Bakersfield metropolitan area — Statistics — Periodicals. 2. Wages —

Cleaning and dyeing — California — Bakersfield metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09285035

**83-11737**

**L 2.113/2:B 21/982**

Laundry and dry cleaning wage survey, Baltimore, Md. / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Aug. 1982. Description based on: 1981.

1. Wages — Laundry workers — Maryland — Baltimore metropolitan area — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Maryland — Baltimore metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08125530

**83-11738**

**L 2.113/2:B 65/981**
L 2.113/2:B 65/982

Laundry and dry cleaning wage survey, Boston, Mass. / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Aug. 1981; Aug. 1982. Description based on: Aug. 1981.

1. Wages — Laundry workers — Massachusetts — Boston metropolitan area — Statistics — Periodicals. 2. Wages — Cleaning and dyeing — Massachusetts — Boston metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09285283

**83-11739**

**L 2.113/2:C 43/982**

Laundry and dry cleaning wage survey, Chicago, Ill. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Mar. 1982. Description based on: May 1981.

1. Wages — Laundry workers — Illinois — Chicago metropolitan area — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Illinois — Chicago metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08462469

**83-11740**

**L 2.113/2:C 48/982**

Laundry and dry cleaning wage survey, Cincinnati, Ohio-Ky.-Ind. / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. July 1982. Description based on: July 1982.

1. Wages — Laundry workers — Ohio — Cincinnati metropolitan area — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Ohio — Cincinnati metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09285429

**83-11741**

**L 2.113/2:C 58/982**

Laundry and dry cleaning wage survey, Cleveland, Ohio / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Sept. 1982. Description based on: 1981.

1. Wages — Laundry workers — Ohio — Cleveland metropolitan area — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Ohio — Cleveland metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08125586

**83-11742**

**L 2.113/2:C 71/982**

Laundry and dry cleaning wage survey, Colorado Springs, Colo. / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Jan. 1982. Description based on: Jan. 1982.

1. Wages — Laundry workers — Colorado — Colorado Springs metropolitan area — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Colorado — Colorado Springs metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09285716

**83-11743**

**L 2.113/2:C 72/981**

Laundry and dry cleaning wage survey, Columbus, Ohio / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Oct. 1981. Description based on: Oct. 1981.

1. Wages — Laundry workers — Ohio — Columbus metropolitan area — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Ohio — Columbus metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09285590

**83-11744**

**L 2.113/2:C 76/982**

Laundry and dry cleaning wage survey, Connecticut / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. July 1982. Description based on: July 1982.

1. Wages — Laundry workers — Connecticut — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Connecticut — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09285856

**83-11745**

**L 2.113/2:D 48/982**

Laundry and dry cleaning wage survey, Detroit, Mich. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Apr. 1982. Description based on: Apr. 1981.

1. Wages — Laundry workers — Michigan — Detroit metropolitan area — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Michigan — Detroit metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08464074

**83-11746**

**L 2.113/2:F 87/981**

Laundry and dry cleaning wage survey, Frederick-Hagerstown-Chambersburg, Md.-Pa. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Dec. 1981. Description based on: Dec. 1981.

1. Wages — Laundry workers — Maryland — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Maryland — Statistics — Periodicals. 3. Wages — Laundry workers — Pennsylvania — Statistics — Periodicals. 4. Wages — Cleaning and dyeing industry — Pennsylvania — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09290758

**83-11747**

**L 2.113/2:M 28/981**

Laundry and dry cleaning wage survey, Maine / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Dec. 1981. Description based on: Dec. 1981.

1. Wages — Laundry workers — Maine — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Maine — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09285974

**83-11748**

**L 2.113/2:M 66/982**

Laundry and dry cleaning wage survey, Minneapolis-St. Paul, Minn.-Wis. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Jan. 1982. Description based on: Jan. 1982.

1. Wages — Laundry workers — Minnesota — Minneapolis metropolitan area — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Minnesota — Minneapolis metropolitan area — Statistics — Periodicals. 3. Wages — Laundry workers — Minnesota — Saint Paul metropolitan area — Statistics — Periodicals. 4. Wages — Cleaning and dyeing industry — Minnesota — Saint Paul metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09286179

**83-11749**

**L 2.113/2:M 76/982**

Laundry and dry cleaning wage survey, Montana / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. July 1982. Description based on: July 1982.

1. Wages — Laundry workers — Montana — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Montana — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09286090

**83-11750**

**L 2.113/2:N 42 y/981**

Laundry and dry cleaning wage survey, northern New York / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Sept. 1981. Description based on: Sept. 1981.

1. Wages — Laundry workers — New York — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — New York — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09286883

**83-11751**

**L 2.113/2:N 76/982**

Laundry and dry cleaning wage survey, Norfolk-Virginia Beach-Portsmouth and Newport News-Hampton, Va.-N.C. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. May 1982. Description based on: May 1982.

1. Wages — Laundry workers — Virginia — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Virginia — Statistics — Periodicals. 3. Wages — Laundry workers — North Carolina — Statistics — Periodicals. 4. Wages — Cleaning and dyeing industry — North Carolina — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09286994

**83-11752**

**L 2.113/2:Om 1/981**

Laundry and dry cleaning wage survey, Omaha, Nebr.-Iowa / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Oct. 1981. Description based on: Oct. 1981.

1. Wages — Laundry workers — Nebraska — Omaha metropolitan area — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Nebraska — Omaha metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09286216

**83-11753**

**L 2.113/2:Ox 5/982**

Laundry and dry cleaning wage survey, Oxnard-Simi Valley-Ventura, Calif. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. June 1982. Description based on: June 1982.

1. Wages — Laundry workers — California — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — California — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09287181

**83-11754**

**L 2.113/2:P 53/981**

Laundry and dry cleaning wage survey, Philadelphia, Pa.-N.J. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Nov. 1981. Description based on: Nov. 1981.

1. Wages — Laundry workers — Pennsylvania — Philadelphia metropolitan area — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Pennsylvania — Philadelphia metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09286811

**83-11755**

**L 2.113/2:P 56/982**

Laundry and dry cleaning wage survey, Phoenix, Ariz. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. June 1982. Description based on: June 1981.

1. Wages — Laundry workers — Arizona — Phoenix metropolitan area — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Arizona — Phoenix metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08463985

**83-11756**

**L 2.113/2:P 83/2/982**

Laundry and dry cleaning wage survey, Portsmouth-Chillicothe-Gallipolis, Ohio / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Feb. 1982. Description based on: Feb. 1982.

1. Wages — Laundry workers — Ohio — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Ohio — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09288845

**83-11757**

**L 2.113/2:P 83/982**

Laundry and dry cleaning wage survey, Portland, Oreg.-Wash. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. June 1982. Description based on: June 1981.

1. Wages — Laundry workers — Oregon — Portland metropolitan area — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Oregon — Portland metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08463952

**83-11758**

**L 2.113/2:P 86/982**

Laundry and dry cleaning wage survey, Poughkeepsie-Kingston-Newburgh, N.Y. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. May 1982. Description based on: June 1981.

1. Wages — Laundry workers — New York (State) — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — New York (State) — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08462819

**83-11759**

**L 2.113/2:P 94/982**

Laundry and dry cleaning wage survey, Providence-Warwick-Pawtucket, R.I.-Mass. / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. June 1982. Description based on: 1981.

1. Wages — Laundry workers — Massachusetts — Statistics — Periodicals. 2. Wages — Laundry workers — Rhode Island — Statistics — Periodicals. 3. Wages — Cleaning and dyeing industry — Massachusetts — Statistics — Periodicals. 4. Wages — Cleaning and dyeing industry — Rhode Island — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08125947

**83-11760**

**L 2.113/2:P 96/981**

Laundry and dry cleaning wage survey, Puerto Rico / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Dec. 1981. Description based on: Dec. 1981.

1. Wages — Laundry workers — Puerto Rico — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Puerto Rico — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09288962

**83-11761**

**L 2.113/2:Sa 3/982**

Laundry and dry cleaning wage survey, Salinas-Seaside-Monterey, Calif. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual May 1982. Caption title. Description based on: May 1982.

1. Wages — Laundry workers — California — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — California — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09289001

**83-11762**

**L 2.113/2:Sa 5 b/982**

Laundry and dry cleaning wage survey, Santa Barbara-Santa Maria-Lompoc, Calif. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. June 1982. Description based on: June 1982.

1. Wages — Laundry workers — California — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — California — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09290084

**83-11763**

**L 2.113/2:Sa 5 d/981**

Laundry and dry cleaning wage survey, San Diego, Calif. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Nov. 1981. Description based on: Nov. 1981.

1. Wages — Laundry workers — California — San Diego metropolitan area — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — California — San Diego metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09289301

**83-11764**

**L 2.113/2:So 8/3/982**

Laundry and dry cleaning wage survey, southeastern Massachusetts / U.S. Department of Labor, Bureau of Labor Statistics, [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Sept. 1982. Description based on: 1981.

1. Wages — Laundry workers — Massachusetts — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Massachusetts — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08123969

**83-11765**

**L 2.113/2:T 11/982**

Laundry and dry cleaning wage survey, Tacoma, Wash. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Jan. 1982. Description based on: Apr. 1981.

1. Wages — Laundry workers — Washington (State) — Tacoma metropolitan area — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Washington (State) — Tacoma metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08466608

**83-11766**

**L 2.113/2:T 79/982**

Laundry and dry cleaning wage survey, Tucson-Douglas, Ariz. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for July 1982. Description based on: July 1981.

1. Wages — Laundry workers — Arizona — Tucson — Statistics — Periodicals. 2. Wages — Laundry workers — Arizona — Douglas — Statistics — Periodicals. 3. Wages — Cleaning and dyeing industry — Arizona — Tucson — Statistics — Periodicals. 4. Wages — Cleaning and dyeing industry — Arizona — Douglas — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08463501

**83-11767**

**L 2.113/2:W 27/982**

Laundry and dry cleaning wage survey, Washington, D.C.-Md.-Va. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Mar. 1982. Description based on: Mar. 1981.

1. Wages — Laundry workers — Washington metropolitan area — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Washington metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08466483

**83-11768**

**L 2.113/2:W 52 v/982**

Laundry and dry cleaning wage survey, West Virginia / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for July 1982. Description based on: July 1981.

1. Wages — Laundry workers — West Virginia — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — West Virginia — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08462527

**83-11769**

**L 2.113/2:W 63/982**

Laundry and dry cleaning wage survey, Wichita, Kan. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Apr. 1982. Description based on: Apr. 1981.

1. Wages — Laundry workers — Kansas — Wichita metropolitan area — Statistics — Periodicals. 2. Wages — Cleaning and dyeing industry — Kansas — Wichita metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08463825

**83-11770**

**L 2.113/2:W 68/982**

Laundry and dry cleaning wage survey, Wilmington, Del.-N.J.-Md. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Apr. 1982. Description based on: Apr. 1981.

1. Wages — Laundry workers — Delaware — Wilmington metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08463891

**83-11771**

**L 2.113/3:An 1/982**

Refuse hauling wage survey, Anaheim-Santa Ana-Garden Grove, Calif. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Oct. 1982. Description based on: 1981.

1. Wages — Refuse collectors — California — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08311989

**83-11772**

**L 2.113/3:Sa 5/982**

Refuse hauling wage survey, San Francisco-Oakland, Calif. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Mar. 1982. Description based on: Mar. 1981.

1. Wages — Refuse collectors — California — San Francisco metropolitan area — Statistics — Periodicals. 2. Wages — Refuse collectors — California — Oakland metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08462794

83-11773

L 2.113/3:W 27/982

Refuse hauling wage survey, Washington, D.C.-Md.-Va. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Mar. 1982. Description based on: Mar. 1981.

1. Wages — Refuse collectors — Washington metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08462747

83-11774

L 2.113/3:At 6/982

Moving and storage wage survey, Atlanta, Ga. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for May 1982. Description based on: May 1981.

1. Wages — Storage and moving trade — Georgia — Atlanta metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08463133

83-11775

L 2.113/3:Au 4/982

Moving and storage wage survey, Augusta, Ga.-S.C. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Jan. 1982. Description based on: Feb. 1981.

1. Wages — Storage and moving trade — Georgia — Augusta metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08463925

83-11776

L 2.113/3:B 21/982

Moving and storage wage survey, Baltimore, Md. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Aug. 1982. Description based on: 1981.

1. Wages — Storage and moving trade — Maryland — Baltimore — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08126265

83-11777

L 2.113/3:B 49/982

Moving and storage wage survey, Biloxi-Gulfport and Pascagoula-Moss Point, Miss. / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Sept. 1982. Description based on: 1981.

1. Wages — Storage and moving trade — Mississippi — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08126672

83-11778

L 2.113/3:C 58/982

Moving and storage wage survey, Charleston-North Charleston-Walterboro, S.C. / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Sept. 1982. Description based on: 1981.

1. Wages — Storage and moving trade — South Carolina — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08126443

83-11779

L 2.113/3:C 71/982

L 2.113/3:C 71/982-2

Moving and storage wage survey, Colorado Springs, Colo. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Jan. 1982; Dec. 1982. Description based on: Jan. 1982.

1. Wages — Storage and moving trade — Colorado — Colorado Springs metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09305748

83-11780

L 2.113/3:C 72/982

Moving and storage wage survey, Columbus, Ga.-Ala. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Apr. 1982. Description based on: Apr. 1981.

1. Wages — Storage and moving trade — Georgia Columbus metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08463297

83-11781

L 2.113/3:C 76/982

Moving and storage wage survey, Connecticut / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for July 1982. Description based on: Mar. 1981.

1. Wages — Storage and moving trade — Connecticut — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08463191

83-11782

L 2.113/3:C 81/982

Moving and storage wage survey, Corpus Christi, Tex. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for July 1982. Description based on: July 1981.

1. Wages — Storage and moving trade — Texas — Corpus Christi metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08464213

83-11783

L 2.113/5:D 16/981
L 2.113/5:D 16/982

Moving and storage wage survey, Dallas-Fort Worth, Tex. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Summary for Dec. 1981; Dec. 1982. Description based on: Dec. 1981.
1. Wages — Storage and moving trade — Texas — Dallas metropolitan area — Statistics — Periodicals. 2. Wages — Storage and moving trade — Texas — Fort Worth metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09313374

83-11784

L 2.113/5:F 29/982

Moving and storage wage survey, Fayetteville, N.C. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Summary for Jan. 1982. Description based on: Jan. 1982.
1. Wages — Storage and moving trade — North Carolina — Fayetteville metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09318781

83-11785

L 2.113/5:G 11/982

Moving and storage wage survey, Gadsden and Anniston, Ala. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Summary for July 1982. Description based on: July 1981.
1. Wages — Storage and moving trade — Alabama — Gadsden metropolitan area — Statistics — Periodicals. 2. Wages — Storage and moving trade — Alabama — Anniston metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08463349

83-11786

L 2.113/5:G 57/982

Moving and storage wage survey, Goldsboro, N.C. / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Summary for July 1982. Description based on: 1981.
1. Wages — Storage and moving trade — North Carolina — Goldsboro — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08198202

83-11787

L 2.113/5:H 81/982

Moving and storage wage survey, Houston, Tex. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Summary for May 1982. Description based on: May 1981.
1. Wages — Storage and moving trade — Texas — Houston metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08464256

83-11788

L 2.113/5:J 13/981
L 2.113/5:J 13/982

Moving and storage wage survey, Jacksonville, Fla. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Summary for Dec. 1981; Dec. 1982. Description based on: Dec. 1981.
1. Wages — Storage and moving trade — Florida — Jacksonville metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09305782

83-11789

L 2.113/5:J 63/982

Moving and storage wage survey, Johnson City-Kingsport-Bristol, Tenn.-Va. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Summary for Nov. 1982. Description based on: July 1981.
1. Wages — Storage and moving trade — Tennessee — Statistics — Periodicals. 2. Wages — Storage and moving trade — Virginia — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08463405

83-11790

L 2.113/5:L 93/981
L 2.113/5:L 93/982

Moving and storage wage survey, Louisville, Ky.-Ind. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Summary for Nov. 1981; Nov. 1982. Description based on: Nov. 1981.
1. Wages — Storage and moving trade — Kentucky — Louisville metropolitan area — Statistics — Periodicals. 2. Wages — Storage and moving trade — Indiana — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09318491

83-11791

L 2.113/5:M 11/982

Moving and storage wage survey, McAllen-Pharr-Edinburg and Brownsville-Harlingen-San Benito, Tex. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Summary for Oct. 1982. Description based on: Oct. 1982.
1. Wages — Storage and moving trade — Texas — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09318855

83-11792

L 2.113/5:M 28/981

Moving and storage wage survey, Maine / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Summary for Dec. 1981. Description based on: Dec. 1981.
1. Wages — Storage and moving trade — Maine — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09313204

83-11793

L 2.113/5:M 38/2/981
L 2.113/5:M 38/2/982

Moving and storage wage survey, southeastern Massachusetts / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Sept. 1981; Sept. 1982. Description based on: Sept. 1981.

1. Wages — Storage and moving trade — Massachusetts — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09318502

83-11794

L 2.113/5:M 38/982

Moving and storage wage survey, western and northern Massachusetts / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Jan. 1982. Description based on: Jan. 1981.

1. Wages — Storage and moving trade — Massachusetts — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08463319

83-11795

L 2.113/5:M 48/982

Moving and storage wage survey, Melbourne-Titusville-Cocoa, Fla. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Nov. 1982. Description based on: Apr. 1981.

1. Wages — Storage and moving trade — Florida — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08462373

83-11796

L 2.113/5:M 76/982

Moving and storage wage survey, Montana / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for July 1982. Description based on: July 1982.

1. Wages — Storage and moving trade — Montana — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09318515

83-11797

L 2.113/5:N 18/982

Moving and storage wage survey, Nassau-Suffolk, N.Y. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Aug. 1982. Description based on: June 1981.

1. Wages — Storage and moving trade — New York (State) — Nassau County — Statistics — Periodicals. 2. Wages — Storage and moving trade — New York (State) — Suffolk County — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08463392

83-11798

L 2.113/5:N 42 h/982

Moving and storage wage survey, New Hampshire / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Nov. 1982. Description based on: 1981.

1. Wages — Storage and moving trade — New Hampshire — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08126120

83-11799

L 2.113/5:N 42 o/981
L 2.113/5:N 42 o/982

Moving and storage wage survey, New Orleans, La. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Oct. 1981; Oct. 1982. Description based on: Oct. 1981.

1. Wages — Storage and moving trade — Louisiana — New Orleans metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09306057

83-11800

L 2.113/5:N 42/2/982

Moving and storage wage survey, Newark, N.J. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Jan. 1982. Description based on: Jan. 1982.

1. Wages — Storage and moving trade — New Jersey — Newark metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09313507

83-11801

L 2.113/5:N 42/982

Moving and storage wage survey, New York, N.Y.-N.J. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for May 1982. Description based on: May 1981.

1. Wages — Storage and moving trade — New York metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08466417

83-11802

L 2.113/5:N 81/982

Moving and storage wage survey, northwest Texas / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Sept. 1982. Description based on: 1981.

1. Wages — Storage and moving trade — Texas — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08126165

**83-11803**

**L 2.113/5:Ok 4 c/981**
L 2.113/5:Ok 4 c/982

Moving and storage wage survey, Oklahoma City, Okla. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Aug. 1981; Aug. 1982. Description based on: Aug. 1981.

1. Wages — Storage and moving trade — Oklahoma — Oklahoma City metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09309536

**83-11804**

**L 2.113/5:Om 1/981**
L 2.113/5:Om 1/982

Moving and storage wage survey, Omaha, Nebr.-Iowa / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Oct. 1981; Oct. 1982. Description based on: Oct. 1981.

1. Wages — Storage and moving trade — Nebraska — Omaha metropolitan area — Statistics — Periodicals. 2. Wages — Storage and moving trade — Iowa — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09318552

**83-11805**

**L 2.113/5:P 27/982**

Moving and storage wage survey, Paterson-Clifton-Passaic, N.J. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Apr. 1982. Description based on: June 1981. [jt/jt/jt]

1. Wages — Storage and moving trade — New Jersey — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08463257

**83-11806**

**L 2.113/5:P 56/982**

Moving and storage wage survey, Phoenix, Ariz. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for June 1982. Description based on: June 1982.

1. Wages — Storage and moving trade — Arizona — Phoenix metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09313464

**83-11807**

**L 2.113/5:P 86/982**

Moving and storage wage survey, Poughkeepsie-Kingston-Newburgh, N.Y. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for May 1982. Description based on: June 1981.

1. Wages — Storage and moving trade — New York (State) — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08463342

**83-11808**

**L 2.113/5:P 94/982**

Moving and storage wage survey, Providence-Warwick-Pawtucket, R.I.-Mass. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for June 1982. Description based on: 1981.

1. Wages — Storage and moving trade — Rhode Island — Statistics — Periodicals. 2. Wages — Storage and moving trade — Massachusetts — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08126577

**83-11809**

**L 2.113/5:R 41/982**

Moving and storage wage survey, Richmond, Va. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for June 1982. Description based on: June 1982.

1. Wages — Storage and moving trade — Virginia — Richmond metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09313422

**83-11810**

**L 2.113/5:Sa 2/982**

Moving and storage wage survey, St. Louis, Mo.-Ill. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Mar. 1982. Description based on: Mar. 1981.

1. Wages — Storage and moving trade — Missouri — Saint Louis metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08463261

**83-11811**

**L 2.113/5:Sa 5/982**

Moving and storage wage survey, San Antonio, Tex. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for May 1982. Description based on: May 1981.

1. Wages — Storage and moving trade — Texas — San Antonio metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08464319

**83-11812**

**L 2.113/5:Sa 9/982**

Moving and storage wage survey, Savannah, Ga. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Mar. 1982. Description based on: Mar. 1982.

1. Wages — Storage and moving trade — Georgia — Savannah metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09318572

83-11813

L 2.113/5:Sh 8/982

Moving and storage wage survey, Shreveport, Texarkana, and Tyler, La.-Ark.-Tex. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Apr. 1982. Description based on: Apr. 1981.

1. Wages — Storage and moving trade — Louisiana — Shreveport metropolitan area — Statistics — Periodicals. 2. Wages — Storage and moving trade — Arkansas — Texarkana metropolitan area — Statistics — Periodicals. 3. Wages — Storage and moving trade — Texas — Tyler metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08463093

83-11814

L 2.113/5:Sy 8/982

Moving and storage wage survey, Syracuse, N.Y. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for July 1982. Description based on: July 1982.

1. Wages — Storage and moving trade — New York (State) — Syracuse metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09313328

83-11815

L 2.113/5:W 27/982

Moving and storage wage survey, Washington, D.C.-Md.-Va. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Mar. 1982. Description based on: Mar. 1981.

1. Wages — Storage and moving trade — Washington metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08463203

83-11816

L 2.113/5:W 52 v/982

Moving and storage wage survey, West Virginia / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for July 1982. Description based on: July 1981.

1. Wages — Storage and moving trade — West Virginia — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08463146

83-11817

L 2.113/5:W 63/982

Moving and storage wage survey, Wichita, Kan. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Apr. 1982. Description based on: Apr. 1981.

1. Wages — Storage and moving trade — Kansas — Wichita metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08466140

83-11818

L 2.113/5:W 68/982

Moving and storage wage survey, Wilmington, Del.-N.J.-Md. / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. Summary for Apr. 1982. Description based on: Apr. 1981.

1. Wages — Storage and moving trade — Delaware — Wilmington metropolitan area — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08463175

83-11819

L 2.113/6:Al 1/982

Area wage survey. Alaska / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. July 1982. Description based on: 1981.

1. Wages — Alaska — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08129172

83-11820

L 2.113/6:C 76/982

Area wage survey. Connecticut / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212

v. ; 21 x 28 cm.

Annual Caption title. July 1982. Description based on: 1981.

1. Wages — Connecticut — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08127211

83-11821

L 2.113/6:G 93/981

Area wage survey. Guam / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C. 20212

v. ; 21 x 28 cm.

Annual Caption title. Dec. 1981. Description based on: Dec. 1981.

1. Wages — Guam — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09266067

83-11822

L 2.113/6:M 28/981

Area wage survey. Maine / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C. 20212

v. : 21 x 28 cm.

Annual Caption title. Dec. 1981. Description based on: Dec. 1981.

1. Wages — Maine — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09266470

83-11823

L 2.113/6:M 38/2/982

Area wage survey. Western and northern Massachusetts / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C. 20212

v. ; 21 x 28 cm.

Annual Caption title. Jan. 1982. Description based on: Jan. 1982.

1. Wages — Massachusetts — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09273447

**83-11824**

**L 2.113/6:M 38/981**
**L 2.113/6:M 38/982**

Area wage survey. Southeastern Massachusetts / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C. 20212
v. ; 21 x 28 cm.
Annual Caption title. Sept. 1981; Sept. 1982. Description based on: Sept. 1981.
1. Wages — Massachusetts — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09266001

**83-11825**

**L 2.113/6:M 76/982**

Area wage survey. Montana / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. July 1982. Description based on: 1981.
1. Wages — Montana — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08125771

**83-11826**

**L 2.113/6:N 81/982**

Area wage survey. Northwest Texas / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Sept. 1982. Description based on: 1981.
1. Wages — Texas — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08129845

**83-11827**

**L 2.113/6:P 96/981**

Area wage survey. Puerto Rico / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C. 20212
v. ; 21 x 28 cm.
Annual Caption title. Issues prior to 1981 were classed: L 2.107:P 96/ Dec. 1981. Description based on: Dec. 1981.
1. Wages — Puerto Rico — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 03929190

**83-11828**

**L 2.113/6:V 59/981**

Area wage survey. Vermont / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C. 20212
v. ; 28 cm.
Annual Caption title. Sept. 1981. Description based on: Sept. 1981.
1. Wages — Vermont — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 04137731

**83-11829**

**L 2.113/6:V 81/2/981**

Area wage survey. Southwest Virginia / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. Sept. 1981. Description based on: Sept. 1981.
1. Wages — Virginia — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 09277307

**83-11830**

**L 2.113/6:W 52 v/982**

Area wage survey. West Virginia / U.S. Department of Labor, Bureau of Labor Statistics. Washington, D.C. : The Bureau, U.S. Dept. of Labor, Bureau of Labor Statistics, Washington, D.C., 20212
v. ; 21 x 28 cm.
Annual Caption title. July 1982. Description based on: 1981.
1. Wages — West Virginia — Statistics — Periodicals. I. United States. Bureau of Labor Statistics. OCLC 08127248

## INTERNATIONAL LABOR AFFAIRS BUREAU
### Labor Dept.
### Washington, DC 20210

**83-11831**

**L 29.15:14**

Rousslang, Don.
Calculating the welfare benefits of a tariff reduction when wages are rigid / by Don Rousslang and Phil Young. — [Washington, D.C.?] : Office of Foreign Economic Research, Bureau of International Labor Affairs ; Springfield, Va. : For sale by the National Technical Information Service, 1981.
13, [6] p. : ill. ; 28 cm. — (Economic discussion paper ; 14) "This report was prepared by the Office of Foreign Economic Research." "April 1981." Bibliography: p. [15-16]. ●Item 749-D (microfiche)
1. Tariff — United States. 2. Wages — United States. I. Young, Phil, 1956- II. United States. Bureau of International Labor Affairs. Office of Foreign Economic Research. III. Title. IV. Series. OCLC 07816648

## OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
### Labor Dept.
### Washington, DC 20210

**83-11832**

**L 35.2:Em 7/3/982**

Employer rights & responsibilities following an OSHA inspection. — 1982 (Rev.). — [Washington, D.C.?] : U.S. Dept. of Labor, Occupational Safety and Health Administation, 1982.
12 p. ; 21 x 9 cm. "OSHA 3000." ●Item 765
1. Factory inspection — United States. I. United States. Occupational Safety and Health Administration. II. Title: Employer rights and responsibilities following an O.S.H.A. inspection. OCLC 09303104

## EMPLOYMENT STANDARDS ADMINISTRATION
### Labor Dept.
### Washington, DC 20210

**83-11833**

**L 36.2:Ag 3/2**

Interim report to the Congress on age discrimination in Employment Act studies : report to the Congress required by Section 5 of the Age Discrimination in Employment Act / submitted to Congress in 1981. — [Washington, D.C.?] : U.S. Dept. of Labor, Employment StandardsAdministration, 1982.

1 (various pagins) ; 28 cm. Includes bibliographies. ●Item 746-C-1 (microfiche)

1. Age discrimination — Law and legislation — United States. 2. Age and employment — United States. I. United States. Employment Standards Administration. OCLC 09311229

## WOMEN'S BUREAU
### Labor Dept.
### Washington, DC 20210

**83-11834**

**L 36.112:23/2**

Perry, Kathryn Senn.

Employers and child care : establishing services through the workplace. — Rev. Aug. 1982. — Washington, D.C. : U.S. Dept. of Labor, Women's Bureau, 1982.

vii, 83 p. ; 28 cm. — (Pamphlet ; 23) Includes bibliographies. ●Item 783-C-3

1. Day care centers and industry — United States. I. United States. Women's Bureau. II. Title. III. Series: Pamphlet (United States. Women's Bureau) ; 23. OCLC 09059635

## EMPLOYMENT AND TRAINING ADMINISTRATION
### Labor Dept.
### Washington, DC 20213

**83-11835**

**L 37.8/2:391**

Unemployment compensation for former federal employees. — Washington, D.C. : U.S. Dept. of Labor, Employment and Training Administration, 1982.

1 v. (various pagings) : forms ; 28 cm. — (ET handbook ; no. 391) Cover title. ●Item 747-B

1. Insurance, Unemployment — United States. 2. Insurance, Government employees' life — United States. I. United States. Employment and Training Administration. II. Series: Employment and training handbook ; no. 391. OCLC 09268055

**83-11836**

**L 37.11/3:813**

United States. Employment and Training Administration.

Selection and contracting with design architect/engineers for contract centers. — [Washington, D.C.?] : U.S. Dept. of Labor, Employment and Training Administration, 1982.

1 v. (various pagings) ; 28 cm. "September 1982." "JCH 813." ●Item 857-H-1

1. Architects — United States — Selection and appointment. 2. Public buildings — Design and construction. 3. Public buildings — Contracts and specifications. 4. Contract system (Labor) — United States. I. Title. OCLC 09315558

**83-11837**

**L 37.11/3:815**

United States. Employment and Training Administration.

Construction contracting and administration for contract centers. — [Washington, D.C.?] : U.S. Dept. of Labor, Employment and Training Administration, 1982.

286 p. in various pagings ; 28 cm. Cover title: Construction contracting & adminsitration for contract centers. "September 1982." "JCH 815." ●Item 857-H-1

1. Contract system (Labor) — United States. 2. Contractors' operations. 3. Buildings — Contracts and specifications — United States. 4. Public buildings — Contracts and specifications — United States. I. Title. II. Title: Construction contracting & adminsitration for contract centers. OCLC 09315527

**83-11838**

**L 37.14/2:8**

Cotter, Wayne

Estimating annual job openings resulting from occupational and geographic outmobility for states and areas / by Wayne Cotter and Sheldon Dorfman. — Albany, N.Y. : New York State Department of Labor, Division of Research and Statistics, 1982.

iii, 27 p. ; 28 cm. — (Monograph ; no. 8) "U.S. Department of Labor, Employment and Training Administration, Division of Program Analysis, Labor Market Information"— Cover. "September, 1981." ●Item 746-H-1

1. Job vacancies — United States 2. Occupational mobility — United States I. Dorfman, Sheldon II. United States. Division of Labor Market Information. III. New York (State). Dept. of Labor. Division of Research and Statistics. IV. Title. V. Series: Monograph (United States. Division of Labor Market Information) ; no. 8 OCLC 09250519

**83-11839**

**L 37.14/2:9**

Cotter, Wayne.

Estimating educational attainment of future employment demand for states / prepared by Wayne Cotter, Sheldon Dorfman. — [Washington, D.C.?] : U.S. Dept. of Labor, Employment and Training Administration, Division of Program Analysis, Labor Market Information, 1982.

v, 58 p. ; 28 cm. — (Monograph ; no. 9.) "October 1981." "New York State Department of Labor, Division of Research and Statistics, Bureau of Labor Market Information." Bibliography : p. 57-58. ●Item 746-H-1

1. College graduates — Employment — New York (State) 2. Labor and laboring classes — Education — New York (State) I. Dorfman, Sheldon II. New York (State). Bureau of Labor Market Information. III. United States. Division of Labor Market Information. IV. Title. V. Series: Monograph (United States. Division of Labor Market Information) ; no. 9. OCLC 09236037

**83-11840**

**L 37.20:81-1**

UI research exchange. [Washington, D.C.] : U.S. Dept. of Labor, Employment and Training Administration, Unemployment Insurance Service, 1980- U.S. Dept. of Labor, Unemployment Insurance Service, Washington, D.C., 20213

v. ; 28 cm. (Unemployment insurance occasional paper ; 81-1)

Annual

1980- 1981. ●Item 780-A-10 Main series: Unemployment insurance occasional paper

1. Insurance, Unemployment — United States — Periodicals. 2. Insurance, Unemployment — Research — United States —

Periodicals. I. United States. Unemployment Insurance Service. II. Series. OCLC 06272589

## APPRENTICESHIP AND TRAINING BUREAU
### Labor Dept.
### Washington, DC 20210

**83-11841**

**L 37.106/2:C 22/982**

National apprenticeship and training standards for carpentry. — Rev. 1982. — [Washington, D.C.?] : U.S. Dept. of Labor, Employment and Training Administration, Bureau of Apprenticeship and Training, [1982]

vi, 36 p. ; 21 cm. Includes bibliographical references. ●Item 748

1. Apprentices — United States. 2. Carpentry — United States. I. United States. Bureau of Apprenticeship and Training. OCLC 09302264

## MINING SAFETY AND HEALTH ADMINISTRATION
### Labor Dept.
### Arlington, VA 22203

**83-11842**

**L 38.13:978/pt.1-2**

United States. Mine Safety and Health Administration.

Annual report and achievements / U.S. Department of Labor, Mine Safety and Health Administration. [Washington] : The Administration, [1980- Mine Safety and Health Administration, Arlington, VA, 22203

v. : ill. ; 28 cm.

Annual

Fiscal year 1978- Cover title: Annual report of the Secretary of Labor under the Federal Mine Safety and Health Act of 1977 Fiscal year 1978, pt. 1-2. Report year ends Sept. 30. Report issued in several vols. a year. ●Item 637-J-1 ISSN 0275-9934 Continues: United States. Mining Enforcement and Safety Administration. Annual report and achievements ISSN 0275-9934 Continued by: United States. Mine Safety and Health Administration. Annual report of the Secretary of Labor under the Federal Mine Safety and Health Act of 1977 ISSN 0734-5038

1. Mine safety — United States — Periodicals. 2. Mine sanitation — United States — Periodicals. 3. Mineral industries — Hygienic aspects — United States — Periodicals. 4. United States. Mine Safety and Health Administration — Periodicals. I. Title. HD7269.M61 @ U6a 81-640612 //r82 353.0082/382/0289 OCLC 07260576

## LIBRARY OF CONGRESS
### Washington, DC 20540

Additional entries follow Copyright Office entries.

**83-11843**

**LC 1.2:P 75/4**

Meredith, William, 1919-

Reasons for poetry & The reason for criticism / by William Meredith. — Washington : Library of Congress, 1982.

35 p. : ill. ; 23 cm. "Two lectures delivered at the Library of Congress on May 7, 1979, and May 5, 1980." Includes bibliographical references. ●Item 786 (microfiche) ISBN 0-8444-0390-

1. Poetry — Addresses, essays, lectures. 2. Criticism — Addresses, essays, lectures. I. Library of Congress. II. Title. III. Title: The reason for criticism. PN1055.M47 1982 81-020895 801./951 ¢2 19 OCLC 08110937

**83-11844**

**LC 1.2:Se 6/3/981**

Services to the nation : the Library of Congress. — Washington, D.C. : Information Office, The Library of Congress, [1981]

[14] p. : ill. ; 23 x 11 cm. "December 1981"—P. [14] ●Item 786

1. Library of Congress. I. Library of Congress. Information Office. OCLC 09302108

**83-11845**

**LC 1.30/1-2:979**

Library of Congress. Library of Congress Office, New Delhi.

Accessions list, India. Quinquennial serials cumulation, annual supplement / Library of Congress. New Delhi : Library of Congress Office, Field Director, Library of Congress Office, American Embassy, New Delhi, India

v. ; 28 cm.

Annual

Began with 1977/78. 1979. Description based on: 1979. First supplement covers two years. ISSN 0194-1178

1. Indic periodicals — Bibliography — Catalogs. 2. Library of Congress — Catalogs. I. Title. Z6958.I4U54a Suppl 79-641107 [PN5377.P4] 015.54 OCLC 05320101

**83-11846**

**LC 1.30/10-2:974-79**

Library of Congress. Library of Congress Office, Jakarta.

Accessions list, Southeast Asia. Cumulative list of Indonesian serials / Library of Congress. Jakarta, Indonesia : Library of Congress Office, Field Director, Library of Congress Office, American Embassy, New Delhi, India

v. ; 28 cm.

Began with 1974/76. 1974-1979. Description based on: 1974-1979. Kept up to date by supplements. With: Library of Congress. Library of Congress Office, Jakarta. Accessions list, Southeast Asia. Cumulative list of Malaysia, Singapore and Brunei serials, supersedes: Library of Congress. Library of Congress Office, Jakarta. Accessions list, Indonesia, Malaysia, Singapore, and Brunei. Cumulative list of serials. ISSN 0163-4054

1. Library of Congress 2. Indonesian periodicals — Bibliography — Catalogs. 3. Indonesia — Periodicals — Bibliography — Catalogs. I. Title. Z6958.I45U54a 77-642472 // r83 [PN5449.I5] 015/.59 OCLC 03424398

**83-11847**

**LC 1.30/11-2:975-80**

Library of Congress. Library of Congress Office, Brazil.

Accessions list, Brazil. Cumulative list of serials / Library of Congress. Rio de Janeiro : Library of Congress Office, Brazil, National Program for Acquisitions and Cataloging, [1982?- Library of Congress Office, American Consulate General, APO Miami 34030

v. ; 29 cm.

1975-1980- Title from cover. 1975-1980. In Portuguese and English. ISSN 0731-4515 Continues: Library of Congress. Library of Congress Office, Brazil. Accessions list, Brazil. Annual list of serials ISSN 0146-1060

1. Brazilian periodicals — Bibliography — Periodicals. 2. Brazil — Periodicals — Bibliography — Periodicals. 3. Library of Congress — Catalogs. I. Title. sn-82001886 OCLC 08187325

83-11848

LC 1.34:9

Letters of delegates to Congress, 1774-1789 / Paul H. Smith, editor, Gerard W. Gawalt, Rosemary Fry Plakas, Eugene R. Sheridan, assistant editors. — Washington : Library of Congress : For sale by the Supt. of Docs., U.S. G.P.O., 1976-

v. : ill. ; 24 cm. Includes bibliographical references and indexes. Contents: Pt. 9. February 1-May 31, 1778. ●Item 785-D S/N 030-000-00140-1 @ GPO ISBN 0-8444-0388— $19.00

1. United States. Continental Congress — History — Sources — Collected works. I. Smith, Paul Hubert, 1931- JK1033.L47 76-002592 328.73 OCLC 02020737

83-11849

LC 1.35:5

Newsprint and its preservation. — Rev. — Washington, D.C. : Library of Congress, Preservation Office, [1981]

[4] p. : ill. ; 28 cm. — (Preservation leaflet,. ISSN 0160-9297 ; no. 5) Caption title. "A National Preservation Program Publication." "November 1981." ●Item 785-F

1. Newspapers — Conservation and restoration. 2. Newsprint — Conservation and restoration. I. Library of Congress. National Preservation Program Office. II. Series. OCLC 08700003

83-11850

LC 1.38:2

The audience for children's books : a symposium sponsored by the Center for the Book and the Children's Literature Center, held at the Library of Congress, March 12-13, 1979. — Washington : Library of Congress, 1980.

42 p. : ill. ; 23 cm. — (The Center for the Book viewpoint series ; no. 2) Includes bibliographical references. ●Item 785-J (microfiche) ISBN 0-8444-0330-

1. Children — Books and reading — Congresses. I. Center for the Book. II. Library of Congress. Children's Literature Center. III. Series. Z1037.A1A9 80-012397 028.5/5 OCLC 06143028

83-11851

LC 1.38:4

Willison, I. R. (Ian R.)

On the history of libraries and scholarship : a paper presented before the Library History Round Table of the American Library Association, June 26, 1979 / I. R. Willison. — Washington : Library of Congress, [1980]

26 p. ; 23 cm. — (The Center for the Book viewpoint series ; no. 4) Includes bibliographical references. ●Item 785-J (microfiche) ISBN 0-8444-0349-

1. Libraries — History — Addresses, essays, lectures. 2. Learning and scholarship — History — Addresses, essays, lectures. 3. Intellectual life — History — Addresses, essays, lectures. I. Center for the Book. II. Library of Congress. III. Title. IV. Series. Z721.W7 80-020713 027/.009 ¢2 19 OCLC 06648428

83-11852

LC 1.38:5

The State of the book world, 1980 : three talks / sponsored by the Center for the Book in the Library of Congress. — Washington : Library of Congress, 1981.

31 p. ; 23 cm. — (The Center for the Book viewpoint series ; no. 5) ●Item 785-J (microfiche) ISBN 0-8444-0343— (pbk.) : $4.95

1. Publishers and publishing — United States — Addresses, essays, lectures. 2. Book industries and trade — United States — Addresses, essays, lectures. 3. Books and reading — United States — Addresses, essays, lectures. 4. Book reviewing — Addresses, essays, lectures. I. Center for the Book. II. Series. Z471.S72 80-607943 070.5/0973 ¢2 19 OCLC 06605189

83-11853

LC 1.38:6

Boorstin, Daniel J. (Daniel Joseph), 1914-

The world encompassed : remarks at a dinner held on March 19, 1981, in the Great Hall in celebration of the treasures of the Library of Congress / Daniel J. Boorstin. — Washington : Library of Congress, 1981.

11 p. ; 23 cm. — (The Center for the Book viewpoint series ; no. 6) ●Item 785-J (microfiche) ISBN 0-8444-0369-

1. Library of Congress — Addresses, essays, lectures. 2. Acquisitions (Libraries) — Addresses, essays, lectures. I. Library of Congress. II. Title. III. Series. Z733.U58B65 81-607916 027.573 ¢2 19 OCLC 07463343

83-11854

LC 2.11:980

Children's books (Washington, D.C.)

Children's books. Washington : Library of Congress : [For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 27 cm.

Annual

$2.50

Began with 1964. Title from cover. "A list of books for preschool through junior high school age." 1980. Description based on: 1981. Vol. for 1964 issued by the Library of Congress, Children's Book Section and the U.S. Office of Education, Educational Materials Laboratory; 1965- by the Library of Congress, Children's Book Section and the U.S. Office of Education, Educational Materials Center; -1979 by the Library of Congress, Children's Literature Center. Compilers: 1964-1980, V. Haviland (with L. B. Watt, 1964-(1974)) ●Item 806-I S/N 030-001-00099-1 ISSN 0069-3464

1. Children's literature — Bibliography — Periodicals. I. Haviland, Virginia, 1911- II. Watt, Lois Belfield. III. Library of Congress. Children's Book Section. IV. Library of Congress. Children's Literature Center. V. Educational Materials Laboratory (U.S.) VI. Educational Materials Center (U.S) Z1037.C542 65-060014 //r802 011/.62 OCLC 01768486

## COPYRIGHT OFFICE
## Library of Congress
## Washington, DC 20559

83-11855

LC 3.2:L 61/app.1-7

Library reproduction of copyrighted works (17 U.S.C. 108) : report of the Register of Copyrights to the Congress. — [Washington, D.C.? : Library of Congress, Copyright Office, 1982 i.e. 1983]

7 v. : ill. ; 28 cm. Cover title. "January 1983." Includes bibliographical references and indexes. Contents: appendix 1. King Research report (libraries, publishers and photocopying; final report of surveys conducted for the United States Copyright Office; May 1982) / [D.D. McDonald ... et al.] — appendix 2. pt. 1, Chicago hearing transcript; pt. 2, Written comments — appendix 3. pt. 1, Houston hearing transcript; pt. 2, Written comments — appendix 4. pt. 1, Washington hearings, transcripts; pt. 2, Written comments — appendix 5. pt. 1, Anaheim hearing transcript; pt. 2, Written comments— appendix 6. pt. 1, New York hearings transcripts; pt. 2, Written comments — appendix 7. Final written comments. LPR 80-1 — LPR 80-6 (Appendices 2-7). ●Item 803

1. Copyright — United States. 2. Photocopying processes — Fair use (Copyright) — United States. 3. Fair use (Copyright) — United States. 4. Library legislation — United States. I. McDonald, Dennis D. II. Library of Congress. Copyright Office. OCLC 09250528

**83-11856**

**LC 3.4/2:1/11**

Copyright basics. — Washington, D.C. : Copyright Office, Library of Congress, 1981.

11 p. ; 28 cm. — (Circular ; R 1) Cover title. "August 1981"—P. [4] of cover. ●Item 802-A

1. Copyright — United States. I. Library of Congress. Copyright Office. II. Series: Circular (Library of Congress. Copyright Office) ; R, 1. OCLC 07895463

**83-11857**

**LC 3.4/2:7 a/5**

Library of Congress. Copyright Office.

Simultaneous deposit of the elements for registration. — Washington, D.C. : Copyright Office, Library of Congress, 1979.

[2] p. ; 28 cm. — (Circular ; R7a) Caption title. "November 1979"—P. [2] ●Item 802-A

1. Copyright — United States. 2. Legal deposit (of books, etc.) — United States. I. Title. II. Series: Circular (Library of Congress. Copyright Office) ; R 7 a. OCLC 09311698

**83-11858**

**LC 3.4/2:7 c/3**

Library of Congress. Copyright Office.

The effects of not replying promptly to Copyright Office correspondence. — Washington, D.C. : Copyright Office, Library of Congress, 1981.

[2] p. ; 28 cm. — (Circular ; R7c) Caption title. "October 1981"—P. [2] ●Item 802-A

1. Copyright — United States. I. Title. II. Series: Circular (Library of Congress. Copyright Office) ; R 7c. OCLC 09311706

**83-11859**

**LC 3.4/2:7 c/5**

Library of Congress. Copyright Office.

The effects of not replying promptly to Copyright Office correspondence. — Washington, D.C. : Copyright Office, Library of Congress, 1983.

[2] p. ; 28 cm. — (Circular ; R7c) "January 1983"—P. [2] ●Item 802-A

1. Copyright — United States. I. Title. II. Series: Circular (Library of Congress. Copyright Office) ; R 7 c. OCLC 09311719

**83-11860**

**LC 3.4/2:7 d/2**

Library of Congress. Copyright Office.

Mandatory deposit of copies of phonorecords for the Library of Congress (under section 407 of the Copyright Act). — Washington, D.C. : Copyright Office, Library of Congress, 1982.

[2] p. ; 28 cm. — (Circular ; R7d) Caption title. "August 1982"—P. [2] ●Item 802-A

1. Copyright — United States. 2. Legal deposit (of books, etc.) — United States. I. Title. II. Series: Circular (Library of Congress. Copyright Office) ; R 7 d. OCLC 09311744

**83-11861**

**LC 3.4/2:12/2**

Library of Congress. Copyright Office.

Recordation of transfers & other documents. — [Washington, D.C.?] : U.S. Copyright Office, Library of Congress, 1981.

1 folded sheet (6 p.) ; 28 cm. — (Circular ; R12) "July 1981"—P. [6] ●Item 802-A

1. Copyright — United States. 2. Copyright — Transfer — United States. 3. Copyright licenses — United States. I. Title. II. Title: Recordation of transfers and other documents. III. Series: Circular (Library of Congress. Copyright Office) ; R 12. OCLC 09314887

**83-11862**

**LC 3.4/2:15 a/980**

Library of Congress. Copyright Office.

Duration of copyright. — Washington, D.C. : Copyright Office, Library of Congress, 1980.

3, [1] p. ; 28 cm. — (Circular ; R15a) "October 1980"—P. [4] ●Item 802-A

1. Copyright — Duration — United States. I. Title. II. Series: Circular (Library of Congress. Copyright Office) ; R 15 a. OCLC 09315814

**83-11863**

**LC 3.4/2:15 a/982**

Library of Congress. Copyright Office.

Duration of copyright. — Washington, D.C. : Copyright Office, Library of Congress, 1982.

3, [1] p. ; 28 cm. — (Circular ; R15a) "August 1982"—P. [4] ●Item 802-A

1. Copyright — Duration — United States. I. Title. II. Series: Circular (Library of Congress. Copyright Office) ; R 15a. OCLC 09311669

**83-11864**

**LC 3.4/2:15 t/4**

Library of Congress. Copyright Office.

Extension of copyright terms. — Washington, D.C. : Copyright Office, Library of Congress, 1981.

3, [1] p. ; 28 cm. — (Circular ; R15t) "August 1981"—P. [4] ●Item 802-A

1. Copyright — United States. 2. Copyright — Duration — United States. I. Title. II. Series: Circular (Library of Congress. Copyright Office) ; R 15 t. OCLC 09314817

**83-11865**

**LC 3.4/2:22/10**

How to investigate the copyright status of a work. — Washington, D.C. : Copyright Office, Library of Congress, 1981.

7, [1] p. ; 28 cm. — (Circular ; R 22) "July 1981"—P. [8] ●Item 802-A

1. Copyright — United States. I. Library of Congress. Copyright Office. II. Series: Circular (Library of Congress. Copyright Office) ; R 22. OCLC 09310929

**83-11866**

**LC 3.4/2:31/9**

Library of Congress. Copyright Office.

Ideas, methods, or systems. — Washington, D.C. : Copyright Office, Library of Congress, 1982.

[2] p. ; 28 cm. — (Circular ; R31) Caption title. "September 1982"—P. [2] ●Item 802-A

1. Copyright — United States. I. Title. II. Series: Circular (Library of Congress. Copyright Office) ; R 31. OCLC 09314839

**83-11867**

**LC 3.4/2:32/6**

Library of Congress. Copyright Office.

Blank forms and other works not protected by copyright. — Washington, D.C. : Copyright Office, Library of Congress, 1981.

[2] p. ; 28 cm. — (Circular ; R32) Caption title. "March 1981"—P. [2] ●Item 802-A

1. Copyright — United States. I. Title. II. Series: Circular (Library of Congress. Copyright Office) ; R 32. OCLC 09311734

**83-11868**

**LC 3.4/2:32/7**

Blank forms and other works not protected by copyright. — Washington, D.C. : Copyright Office, Library of Congress, 1982.

[2] p. ; 28 cm. — (Circular ; R32) Caption title. "March 1982"—P. [2] ●Item 802-A

1. Copyright — United States. I. Library of Congress. Copyright Office. II. Series: Circular (Library of Congress. Copyright Office) ; R 32. OCLC 09311727

**83-11869**

**LC 3.4/2:34/5**

Copyright protection not available for names, titles, or short phrases. — Washington, D.C. : Copyright Office, Library of Congress, 1982.

[2] p. ; 28 cm. — (Circular ; R 34) "September 1982"—P. [2] ●Item 802-A

1. Copyright — United States. I. Library of Congress. Copyright Office. II. Series: Circular (Library of Congress. Copyright Office) ; R 34. OCLC 09310948

**83-11870**

**LC 3.4/2:38 a/8**

Library of Congress. Copyright Office.

International copyright relations of the United States. — Washington, D.C. : Copyright Office, Library of Congress, 1980.

7, [1] p. ; 28 cm. — (Circular ; R38a) "November 1980"—P. [8] ●Item 802-A

1. Copyright — United States. 2. Copyright, International. I. Title. II. Series: Circular (Library of Congress. Copyright Office) ; R 38 a. OCLC 09314908

**83-11871**

**LC 3.4/2:40 i/3**

Library of Congress. Copyright Office.

Copyright for drawings of plastic works of a scientific or technical character. — Washington, D.C. : Copyright Office, Library of Congress, 1977.

3, [1] p. ; 27 cm. — (Circular ; 40i) "May 1977"—P. [4]

1. Copyright — United States. 2. Copyright licenses — United States. I. Title. II. Series: Circular (Library of Congress. Copyright Office) ; 40 i. OCLC 09315841

**83-11872**

**LC 3.4/2:40/3**

Library of Congress. Copyright Office.

Copyright for the visual arts. — Washington, D.C. : Copyright Office, Library of Congress, 1980.

7, [1] p. ; 28 cm. — (Circular ; R40) "November 1980"—P. [8] ●Item 802-A

1. Copyright — United States. 2. Copyright — Art — United States. 3. Copyright — Photographs — United States. 4. Design protection — United States. 5. Copyright — Sculpture — United States. I. Title. II. Series: Circular (Library of Congress. Copyright Office) ; R 40. OCLC 09311391

**83-11873**

**LC 3.4/2:44/3**

Library of Congress. Copyright Office.

Cartoons and comic strips. — Washington, D.C. : Copyright Office, Library of Congress, 1981.

[2] p. ; 28 cm. — (Circular ; R44) Caption title. "June 1981"—P. [2] ●Item 802-A

1. Copyright — United States. 2. Comic books, strips, etc. — United States. 3. Caricatures and cartoons — United States. 4. Copyright licenses — United States. I. Title. II. Series: Circular (Library of Congress. Copyright Office) ; R 44. OCLC 09311751

**83-11874**

**LC 3.4/2:45/4**

Library of Congress. Copyright Office.

Copyright registration for motion pictures including video recordings. — Washington, D.C. : Copyright Office, Library of Congress, 1980.

17, [14] p. : ill., forms ; 28 cm. — (Circular ; R45) "December 1980"—P. [14] ●Item 802-A

1. Copyright — United States. 2. Copyright — Moving pictures — United States. 3. Copyright — Moving pictures, Talking — United States. 4. Video tape recorders and recording. 5. Copyright licenses — United States. I. Title. II. Series: Circular (Library of Congress. Copyright Office) ; R 45. OCLC 09310902

**83-11875**

**LC 3.4/2:63/4**

Library of Congress. Copyright Office.

Reproduction of copyrighted works for the blind and physically handicapped individuals. — Washington, D.C. : Copyright Office, Library of Congress, 1980.

3, [1] p. ; 28 cm. — (Circular ; R63) "November 1980"—P. [4] ●Item 802-A

1. Copyright — Phonorecords — United States. 2. Blind, Books for the. 3. Talking books. I. Title. II. Series: Circular (Library of Congress. Copyright Office) ; R 63. OCLC 09315782

**83-11876**

**LC 3.4/2:70/7**

Library of Congress. Copyright Office. Licensing Division.

Performances of music on coin-operated phonorecord players. — Washington, D.C. : Copyright Office, Licensing Division, Library of Congress, 1982.

1 folded sheet (6 p.) ; 28 cm. — (Circular ; R70) "June 1982"—P. [6] ●Item 802-A

1. Copyright — United States. 2. Copyright Lincenses — United States. 3. Jukeboxes — Law and legislation — United States. I. Title. II. Series: Circular (Library of Congress. Copyright Office) ; R 70. OCLC 09311347

**83-11877**

**LC 3.4/2:71/3**

Library of Congress. Copyright Office. Licensing Division.

Replacement certificates for coin-operated phonorecord players. — Washington, D.C. : Copyright Office, Licensing Division, Library of Congress, 1982.

3, [1] p. ; 28 cm. — (Circular ; R71) "September 1982"—P. [4] ●Item 802-A

1. Copyright — Phonorecords — United States. 2. Jukeboxes. I. Title. II. Series: Circular (Library of Congress. Copyright Office) ; R 71. OCLC 09311770

**83-11878**

**LC 3.4/2:73/2**

Library of Congress. Copyright Office.

Compulsory license for making and distributing phonorecords. — Washington, D.C. : Copyright Office, Library of Congress, Licensing Division, 1982.

[2] p. ; 28 cm. — (Circular ; R73) Caption title. "October 1982"—P. [2] ●Item 802-A

1. Copyright — Phonorecords — United States. 2. Copyright licenses — United States. I. Title. II. Series: Circular (Library of Congress. Copyright Office) ; R 73. OCLC 09311761

83-11879

LC 3.4/2:73/3

Library of Congress. Copyright Office. Licensing Division.

Compulsory license for making and distributing phonorecords. — Washington, D.C. : Copyright Office, Library of Congress, Licensing Division, 1982.

[2] p. ; 28 cm. — (Circular ; R73) Caption title. "April 1982"—P. [2] ●Item 802-A

1. Copyright — Phonorecords — United States. 2. Copyright Licenses — United States. I. Title. II. Series: Circular (Library of Congress. Copyright Office) ; R 73. OCLC 09311374

## LIBRARY OF CONGRESS
## Washington, DC 20540

83-11880

LC 4.2:L 13

Library of Congress. Manuscript Division.

The La Follette family collection. — Washington, D.C. : The Division, 1981.

v, 341 p. ; 28 cm. — (Registers of papers in the Manuscript Division of the Library of Congress ; no. 57) Cover title: "The La Follette family : a register of papers in the La Follette family collection in the Library of Congress." ●Item 811-B-1 ISBN 0-8444-0360— (pbk.)

1. La Follette family — Archives — Catalogs. 2. La Follette, Robert M. (Robert Marion), 1855-1925 — Archives — Catalogs. 3. Progressivism (United States politics) — Sources — Bibliography — Catalogs. 4. United States — Politics and government — 1865-1933 — Sources — Bibliography — Catalogs. 5. Library of Congress. Manuscript Division — Catalogs. I. Title. II. Title: The La Follette family : a register of papers in the La Follette family collection in the Library of Congress. III. Series: Library of Congress. Manuscript Division. Registers of papers in the Manuscript Division of the Library of Congress ; no. 57. CD3029.5.L2L52 1981 81-001165 016.97391/092/2 ¢2 19 OCLC 07461738

83-11881

LC 4.9:981

Library of Congress. Manuscript Division.

Library of Congress acquisitions / Manuscript Division. Washington : The Library, 1981- Library of Congress, Washington, DC 20540

v. : ill. ; 27 cm.

Annual

1979- 1981. ●Item 785-G ISSN 0275-9616

1. Library of Congress. Manuscript Division — Periodicals. 2. Acquisitions (Libraries) — Washington (D.C.) — Periodicals. I. Title. Z733.L735L48a 81-646298 027.573 OCLC 07264920

83-11882

LC 19.2:Ad 2/982-2

Address list, regional and subregional libraries for the blind and physically handicapped / National Library Service for the Blind and Physically Handicapped. Washington, D.C : The Service, National Library Service for the Blind and Physically Handicapped, 1291 Taylor Street, N. W., Washington, D.C., 20542

v. ; 28 cm.

Semiannual

Began with Apr. 1976. Title from cover. Oct. 1982. Description based on: Mar. 1981. Vols. for Apr. 1976-Dec. 1977 issued by the Division for the Blind and Physically Handicapped, Library of Congress; vols. for June 1978- issued by the National Library Service for the Blind and Physically Handicapped, Library of Congress. ●Item 806 ISSN 0163-3805 < 0363-3805

1. Blind, Libraries for the — United States — Directories. 2. Libraries and the physically handicapped — United States — Directories. I. Library of Congress. Division for the Blind and Physically Handicapped. II. Library of Congress. National Library Service for the Blind and Physically Handicapped. Z675.B6A25 78-646707 //r82 027.6/63/02573 OCLC 04351507

83-11883

LC 19.2:B 61/2

Library of Congress. National Library Service for the Blind and Physically Handicapped.

An Introduction to the National Library Service for the Blind and Physically Handicapped. — Washington, D.C. : The Service, 1982.

15 p. : 1 chart ; 30 cm. Includes bibliographies. ●Item 806

1. Library of Congress. National Library Service for the Blind and Physically Handicapped. 2. Blind, Libraries for the — United States. 3. Libraries and the physically handicapped — United States. I. Title. OCLC 09310803

83-11884

LC 19.2:M 97/10

Library of Congress. National Library Service for the Blind and Physically Handicapped.

Instructional disc recordings catalog / National Library Service for the Blind and Physically Handicapped. Washington : Library of Congress, Music Section, National Library Service for the Blind and Physically Handicapped, Library of Congress, Washington, DC 20542

v. ; 28 cm. (Music & musicians)

Annual Large print. 1980. Description based on: 1980. ●Item 806 ISSN 0145-2517 Main series: Music & musicians Continues: Library of Congress. Division for the Blind and Physically Handicapped. Instructional disc recordings catalog ISSN 0145-2517 (DLC) 77649578

1. Music — Analysis, Appreciation — Discography — Catalogs. 2. Music — Instruction and study — Discography — Catalogs. 3. Library of Congress. National Library Service for the Blind and Physically Handicapped — Catalogs. 4. Phonorecords — Bibliography — Catalogs. 5. Blind, Music for the — Bibliography — Catalogs. I. Title. II. Series. ML156.2.U6 80-647735 /MN/r81 016.7899/12/07 OCLC 06606404

83-11885

LC 19.10/3:982

Library of Congress. National Library Service for the Blind and Physically Handicapped.

Cassette books. Washington : National Library Service for the Blind and Physically Handicapped, Library of Congress, Library of Congress, National Library Service for the Blind and Physically Handicapped, Washington, D.C. 20542

v. ; 28 cm.

Annual, 1981-

Biennial, 1977/78-1979/80

Began with 1977/78. Vols. for 1977/78-1979/80 classed in: LC 19.2:C 27/ 1982. Description based on: 1979-1980. ●Item 806-A-9 Continues: Library of Congress. Division for the Blind and Physically Handicapped Cassette books ISSN 0363-9029

1. Talking books — Bibliography — Catalogs. I. Title. Z5347.U59b 79-645707 //r813 [HV1721] OCLC 05173930

83-11886

LC 19.11:G 16

Gibson, Merrillyn.

Gardening for handicapped and elderly persons. — Washington, D.C. : National Library Service for the Blind and Physically Handicapped, Library of Congress, 1982.

9 p. ; 28 cm. — (Bibliography (Library of Congress. National Library Service for the Blind and Physically Handicapped)) Caption title. "September 1981." "No. 81-1." ●Item 806

1. Gardening for the physically handicapped — Bibliography. 2. Gardening for the aged — Bibliography. I. Library of Congress. National Library Service for the Blind and Physically Handicapped. II. Title. III. Series. OCLC 08344290

83-11887

LC 19.13/3:5/2
LC 19.13/3:6/1

Overseas outlook / National Library Service for the Blind and Physically Handicapped. Washington, D.C. : The Service, National Library Service for the Blind and Physically Handicapped, Library of Congress, Washington, D.C. 20542

v. ; 27 cm.-43 x 28 cm. folded to 22 x 28 cm.

Semiannual, Apr.-Sept. 1982-

Quarterly, fall 1977-Oct./Dec. 1981

Began with fall 1977. Title from caption. Vol. 5, no. 2, Apr.-Sept. 1982; v. 6, no. 1, Oct. 1982-Mar. 1983. Description based on: Vol. 2, no. 3 (Apr.-June 1979) Vols. for fall 1977-winter 1978 were issued by the Service under its earlier name: Division for the Blind and Physically Handicapped. ●Item 806-A-5 ISSN 0161-1828

1. Blind — Periodicals. 2. Blind, Periodicals for the. 3. Blind, Books for the — Bibliography — Periodicals. I. Library of Congress. National Library Service for the Blind and Physically Handicapped. II. Library of Congress. Division for the Blind and Physically Handicapped. HV1571.O87 78-641471 //r812 362.4/1/05 OCLC 03856813

83-11888

LC 23.9:980

Library of Congress. Rare Book and Special Collections Division.

Library of Congress acquisitions. Washington : The Library, 1982- Library of Congress, Washington, DC 20540

v. : ill. ; 26 cm.

Annual

1980- 1980. ●Item 818-L ISSN 0275-9616

1. Library of Congress. Rare Book and Special Collections Division — Periodicals. 2. Acquisitions (Libraries) — Washington (D.C.) — Periodicals. I. Title. Z733.L735L48a 81-646298 027.573 OCLC 07264920

83-11889

LC 30.6:B 47

Library of Congress. Office for Descriptive Cataloging Policy.

Bibliographic description of rare books : rules formulated under AACR 2 and ISBD(A) for the descriptive cataloging of rare books and other special printed materials / Office for Descriptive Cataloging Policy, Processing Services. — Washington : Library of Congress, [1981]

vii, 62 p. ; 28 cm. Includes bibliographical references. ●Item 815-B ISBN 0-8444-0358-

1. Cataloging of rare books — Rules. 2. Anglo-American cataloguing rules. I. Title. Z695.74U54 1981 80-029100 025.3/416 ¢2 19 OCLC 07174510

83-11890

LC 30.8/6:981-2

Music, books on music, and sound recordings. Washington : Library of Congress, Library of Congress, Washington, D.C., 20540

v. ; 28 cm. (Library of Congress catalogs)

Semiannual, with annual (the 2d issue of each year) and quinquennial cumulations.

Began with Jan./June 1973. Spine title: Music 1981. Description based on: Jan.-June 1980. Vols. for ⟨1981-⟩ compiled and edited by the Catalog Publication Division, Library of Congress. Quinquennial cumulations issued as vols. of the quinquennial cumulations of: National union catalog, ISSN 0028-0348. ISSN 0092-2838 Main series: Library of Congress. Library of Congress catalogs Continues: Library of Congress catalog. Music and phonorecords ISSN 0041-7793

1. Music — Bibliography — Catalogs. 2. Sound recordings — Catalogs. 3. Library of Congress — Catalogs. I. Library of Congress. II. Library of Congress. Catalog Publication Division. III. Series: Library of Congress. Library of Congress catalogs. Z881.A1C328 74-640501 //r832 016.78 OCLC 01588934

83-11891

LC 30.22:981

CONSER tables / prepared by Phyllis A. Bruns. [Washington, D.C.] : Library of Congress : Distributed by the Cataloging Distribution Service, Subscriber Accounts Unit, Cataloging Distribution Service, Library of Congress, Bldg. 159, Navy Yard Annex, Washington, D.C. 20541

v. ; 21 x 28 cm.

Began with Feb. 1979. Vol. for 1979 classed: LC 1.2:C 76/7 ; 1981- classed in: LC 30.22: 1981. Description based on: 1981. Kept up to date by replacement pages. ●Item 786 ISSN 0190-3608

1. CONSER Project — Format — Collected works. I. Bruns, Phyllis A. II. Library of Congress. Z699.4.C25B77 79-646089 //r83 025.3/4/3 OCLC 04694522

83-11892

LC 33.9/3:P 96/940-75

Library of Congress. Science and Technology Division.

Publications prepared by the Science and Technology Division, 1940-1975. — Washington : Library of Congress, 1977.

vi, 53 p. ; 23 cm. Includes indexes. ISBN 0-8444-0194-

1. Library of Congress. Science and Technology Division — Bibliography. 2. Science — Bibliography. 3. Scientific literature — Bibliography. 4. Technology — Bibliography. 5. Bibliography — Bibliography — Science. 6. Bibliography — Bibliography — Technology. 7. Library of Congress. Science and Technology Division — Bibliography — Catalogs. I. Title. Z7911.A1U64 1977 76-608151 [T45] 016.0165 OCLC 02334110

83-11893

LC 33.10:82-5

Havas, George D.

Jet engines and jet aircraft / compiled by George D. Havas. — Washington, D.C. : Science Reference Section, Science and Technology Division, Library of Congress, [1982]

8 p. ; 28 cm. — (LC science tracer bullet,. ISSN 0090-5232 ; TB 82-5) Caption title. "June 1982." ●Item 818-A-2

1. Airplanes — Jet propulsion — Bibliography. 2. Jet planes — Bibliography. I. Library of Congress. Science and Technology Division. Reference Section. II. Title. III. Series. OCLC 09048466

83-11894

LC 33.10:82-6

Liao, Tien Ren.

Biological control of insects / compiled by T.R. Liao. — Washington, D.C. : Sceince Reference Section, Science and Technology Division, Library of Congress, [1982]

10 p. ; 28 cm. — (LC science tracer bullet,. ISSN 0090-5232 ; TB 82-6) Caption title. "November 1982." ●Item 818-A-2

1. Insect control — Biological control — United States — Bibliography. I. Library of Congress. Science and Technology Division. Reference Section. II. Title. III. Series. OCLC 09077180

83-11895

LC 33.10:82-7

Liu, Y. Y. (Yung-Ying)

CAD/CAM (computer aided design/computer aided manufacture) : a brief guide to materials in the Library of Congress / compiled by Y.Y. Liu. — Washington, D.C. : Science Reference Section, Science and Technology Division, Library of Congress, [1982]

8 p. ; 28 cm. — (LC science tracer bullet,. ISSN 0090-5232 ; TB 82-7) Caption title. "June 1982." ●Item 818-A-2

1. Engineering design — Data processing — Bibliography. 2. Production engineering — Data processing — Bibliography. 3. Production management — Data processing — Bibliography. I. Library of Congress. Science and Technology Division. Reference Section. II. Title. III. Series. OCLC 09201306

83-11896

LC 39.2:B 64

Bookbinding. — Washington, D.C. : American Folklife Center, Library of Congress, [1981?]

1 folded sheet (8 p.) : ill. ; 22 x 10 cm. Bibliography: p. [7-8].

1. Bookbinding — United States. I. American Folklife Center. OCLC 09310727

## NATIONAL LABOR RELATIONS BOARD
## Washington, DC 20570

83-11897

LR 1.14:26

United States. National Labor Relations Board.

Court decisions relating to the National Labor Relations Act. Washington, D.C. : National Labor Relations Board : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C., 20402

v. ; 24 cm.

$24.00 Vol. 26, Nov. 1, 1973 through July 31, 1974. Description based on: Vol. 23 (Jan. 1, 1972 through June 30, 1972) ●Item 825 S/N 031-000-00225-7 ISSN 0083-2219

1. Labor laws and legislation — United States — Cases. I. Title. 44-041303 //r82 331.154 OCLC 01606251

## MERIT SYSTEMS PROTECTION BOARD
## Washington, DC 20003

83-11898

MS 1.10:5-7

United States. Merit Systems Protection Board.

Decisions of the United States Merit Systems Protection Board. Washington, D.C. : The Board : For sale by the Supt. of Docs., U.S. G.P.O., [1981- Supt. of Docs., U.S. G.P.O., Wash., DC 20402

v. ; 24 cm.

$40.00 (3 v. set)

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83-11900

NAS 1.15:83284

Storaasli, Olaf O.

An evaluation of superminicomputers for thermal analysis / Olaf O. Storassli, James B. Vidal, Gary K. Jones. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1982.

15 p. : ill. ; 28 cm. — (NASA technical memorandum ; 83284) "Langley Research Center." "Goddard Space Flight Center." "April 1982"—Cover. Includes bibliographical references. ●Item 830-D (microfiche)

1. Computers. 2. Thermal analysis. 3. Minicomputers. I. Vidal, James B. II. Jones, Gary K. (Gary Keith), 1940- III. Langley Research Center. IV. Goddard Space Flight Center. V. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. VI. Title. VII. Series. OCLC 09251230

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NAS 1.15:84416

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**NAS 1.26:3382**

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ix, 134 p. : ill. ; 28 cm. — (NASA contractor report ; 3382) "Boeing Aerospace Company." "January 1981"—Cover. Includes bibliographical references. ●Item 830-H-14 (microfiche)

1. Honeycomb structures. 2. Thermal stresses. 3. Sandwich construction. I. Hepler, Andrew K. II. Langley Research Center. III. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. IV. Boeing Aerospace Company. V. Series. OCLC 09242738

**83-11903**

**NAS 1.26:3477**

InGaAsP/InP laser development for single-mode, high-data-rate communications / I. Ladany ... [et al.] ; prepared for Langley Research Center under contract NAS1-15962. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1981.

ix, 50 p. : ill. ; 28 cm. — (NASA contractor report ; 3477) "RCA Laboratories." "November 1981"—Cover. Includes bibliographical references. ●Item 830-H-14 (microfiche)

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**83-11904**

**NAS 1.26:3521**

Hammer, J. M.

Studies of single-mode injection lasers and of quaternary materials / Jacob M. Hammer ; prepared for Langley Research Center under contract NAS1-15440. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1982-

v. : ill. ; 28 cm. — (NASA contractor report ; 3521) "RCA laboratories." "April 1982"—V. 2, cover. Description based on v. 2. Includes bibliographical references. Partial contents: v. 2. Measurement of electro-optic effects in InGaAsP junction waveguides. ●Item 830-H-14 (microfiche)

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**NAS 1.26:3578**

Pizzo, Patrick P.

The relative stress-corrosion cracking susceptibility of candidate aluminum-lithium alloys for aerospace applications / Patrick P. Pizzo ; prepared for Ames Research Center under contract NAS2-10365. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Office ; [Springfield, Va. : For sale by the National Technical Information Service], 1982.

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**83-11906**

**NAS 1.26:3587**

Pleasant, Linda G.

Biomedical research publications : 1980-1982 / Linda Pleasant and Letty Limbach ; prepared for NASA Office of Space Science and Applications under contract NASw-3165. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Office ; [Springfield, Va. : For sale by the National Technical Information Service], 1982.

v, 44 p. ; 28 cm. — (NASA contractor report ; 3587) "Department of Medical & Public Affairs, The George Washington University Medical Center"—Tech. rep. p. "July 1982"—Cover. ●Item 830-H-14 (microfiche)

1. Biomedical materials — Research — United States — Bibliography. 2. Biomedical engineering — Research — United States — Bibliography. 3. Space medicine — Research — United States — Bibliography. I. Limbach, Letty. II. United States. Office of Space Science and Applications. III. United States. National Aeronautics and Space Administration. Scientific and Technical Information Office. IV. George Washington University. Dept. of Medical and Public Affairs. V. Title. VI. Series. OCLC 09242623

**83-11907**

**NAS 1.26:3589**

Henry, Walter K.

Rawinsonde sounding data and synoptic conditions for the CCOPE-VAS experiment, July 1981 / Walter K. Henry ; prepared for George C. Marshall Space Flight Center under contract NAS8-31773. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Office ; [Springfield, Va. : For sale by the National Technical Information Service], 1982.

x, 165 p. : ill. ; 28 cm. — (NASA contractor report ; 3589) "Texas A & M University." "July 1982"—Cover. ●Item 830-H-14 (microfiche)

1. Rawinsondes. 2. Synoptic meteorology. 3. Sounding and soundings. I. George C. Marshall Space Flight Center. II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Office. III. Texas A & M University. IV. Title. V. Series. OCLC 09257863

**83-11908**

**NAS 1.26:3591**

Lehman, Larry Lee.

Hybrid state vector methods for structural dynamic and aeroelastic boundary value problems / Larry Lee Lehman ; prepared for Langley Research Center under grant NGL-05-020-243. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1982.

xvi, 181 p. : ill. ; 28 cm. — (NASA contractor report ; 3591) "Stanford University, Dept. of Aeronautics and Astro-

nautics"—Tech. rep. p. "August 1982"—Cover. Includes bibliographical references. ●Item 830-H-14 (microfiche)

1. Aeroelasticity. 2. Boundary value problems. 3. Vector analysis. 4. Structural dynamics. I. Langley Research Center. II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. Stanford University. Dept. of Aeronautics and Astronautics. IV. Title. V. Series. OCLC 09257675

**83-11909**

**NAS 1.26:3595**

Dietenberger, Mark A.

A frost formation model and its validation under various experimental conditions / Mark A. Dietenberger ; prepared for Marshall Space Flight Center under contract NAS8-33369. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1982.

xi, 57 p. : ill. ; 28 cm. — (NASA contractor report ; 3595) "Applied Systems Analysis Section, University of Dayton"—Tech. rep. p. "August 1982"—Cover. Includes bibliographical references. ●Item 830-H-14 (microfiche)

1. Frost — Mathematical models. I. George C. Marshall Space Flight Center. II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. University of Dayton. Applied Systems Analysis Section. IV. Title. V. Series. OCLC 08925548

**83-11910**

**NAS 1.26:167923**

Environmental assessment of the 40-kilowat fuel cell system field test operation / The Aerospace Corporation ; prepared for National Aeronautics and Space Administration Lewis Research Center, Cleveland, Ohio, under purchase order C-42701-D for U.S. Department of Energy office of Coal Utilization and Extraction, Washnington, D.C. under interagency agreement DE-A101-80ET17088. — Washington, D.C. : U.S. Dept. of Energy, Office of Coal Utilization and Extraction, 1982.

[154] p. : ill., maps, 28 cm. — (NASA CR ; 167923) "May 1982." "DOE/NASA/2701-1." Includes bibliographical references. Star category 44. DOE category UC-93. ●Item 830-H-14 (microfiche)

1. Field experiments. 2. Fuel cell — Environmental aspects. I. United States. Office of Coal Utilization and Extraction. II. Aerospace Corporation. III. Lewis Research Center. IV. Series: NASA contractor report ; 167923. OCLC 09262942

**83-11911**

**NAS 1.60:1501**

Redd, L. Tracy.

Evaluation of wind-tunnel gust response technique correlations with analytical and flight test results / L. Tracy Redd, Perry W. Hanson, and Eleanor C. Wynne. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1979.

52 p. : ill. ; 28 cm. — (NASA technical paper ; 1501) "Langley Research Center." "November 1979"—Cover. Includes bibliographical references. ●Item 830-H-15 (microfiche)

1. Wind tunnels. 2. Frequency response (Dynamics) 3. Atmospheric turbulence. I. Hanson, Perry W. II. Wynne, Eleanor C. III. Langley Research Center. IV. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. V. Title. VI. Series. OCLC 09242247

**83-11912**

**NAS 1.60:1505**

Hardin, Jay C.

Evaluation of a vortex model of turbulent cavity flow / Jay C. Hardin and P.J.W. Block. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1979.

44 p. : ill. ; 28 cm. — (NASA technical paper ; 1505) "Langley Research Center." "September 1979"—Cover. Includes bibliographical references. ●Item 830-H-15 (microfiche)

1. Unsteady flow (Aerodynamics) 2. Cavities (Airplanes) I. Block, P. J. W. II. Langley Research Center. III. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. IV. Title. V. Series. OCLC 09242304

**83-11913**

**NAS 1.60:1506**

Fearn, Richard L.

Velocity field of a round jet in a cross flow for various jet injection angles and velocity ratios / Richard L. Fearn, Robert P. Weston. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : for sale by the National Technical Information Service], 1979.

131 p. : ill. ; 28 cm. — (NASA technical paper ; 1506) "Langley Research Center." "October 1979"—Cover. Includes bibliographical references. ●Item 830-H-15 (microfiche)

1. Jet planes. 2. Airplanes — Speed. 3. Aerodynamics, Supersonic. I. Weston, Robert P. II. Langley Research Center. III. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. IV. Title. V. Series. OCLC 09257567

**83-11914**

**NAS 1.60:1511**

Jones, William R., 1940-

Ferrographic analysis of water debris from full-scale bearing fatigue tests / William R. Jones abd Stuart H. Lowenthal. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1979.

16 p. : ill. ; 28 cm. — (NASA technical paper ; 1511) "Lewis Research Center." "September 1979"—Cover. Includes bibliographical references. STAR category 37. ●Item 830-H-15 (microfiche)

1. Mechanical wear. 2. Bearings (Machinery) I. Loewenthal, Stuart H. II. Lewis Research Center. III. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. IV. Title. V. Series. OCLC 09244083

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**NAS 1.60:1521**

Pendergraft, Odis C.

Fuselage and nozzle pressure distributions on a 1/12-scale F-15 propulsion model at transonic speeds / Odis C. Pendergraft, Jr. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1979.

137 p. : ill. ; 28 cm. — (NASA technical paper ; 1521) "Langley Research Center." "November 1979"—Cover. Includes bibliographical references. ●Item 830-H-15 (microfiche)

1. Airplanes — Ramjet engines — Nozzles. 2. Aerodynamics, Transonic. I. Langley Research Center. II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. Title. IV. Series. OCLC 09242283

**83-11916**

**NAS 1.60:1527**

Sturman, John C.

Optically isolated logarithmic nanoameter capable of floating to 5 kilovolts / John C. Sturman and John C. DeLaat. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1979.

19 p. : ill. ; 28 cm. — (NASA technical paper ; 1527) "Lewis Research Center." "October 1979"—Cover. Includes bibliographical references. STAR category 33. ●Item 830-H-15 (microfiche)

1. Electric currents — Measurement. 2. Integrated circuits. I. DeLaat, John C. II. Lewis Research Center. III. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. IV. Title. V. Series. OCLC 09268087

**83-11917**

**NAS 1.60:1528**

Lim, Raymond S.

Concurrent error-detecting codes for arithmetic processors / Raymond S. Lim. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1979.

iii, 24 p. : ill. ; 28 cm. — (NASA technical paper ; 1528) "Ames Research Center." "August 1979"—Cover. Includes bibliographical references. STAR category 60. ●Item 830-H-15 (microfiche)

1. Error-correcting codes (Information theory) I. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. II. Ames Research Center. III. Title. IV. Series. OCLC 09242806

**83-11918**

**NAS 1.60:1529**

Polkowski, George.

Programs for calculating cell parameters in electron and x-ray diffraction / George Polkowski, K.G. Snetsinger and Neil H. Farlow. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : for sale by the National Technical Information Service], 1979.

54 p. : ill. ; 28 cm. — (NASA technical paper ; 1529) "Ames Research Center." "August 1979"—Cover. STAR category 45. ●Item 830-H-15 (microfiche)

1. Electrons — Diffraction. 2. X-rays — Diffraction. I. Snetsinger, K. G. II. Farlow, Neil H. III. Ames Research Center. IV. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. V. Title. VI. Series. OCLC 09257329

**83-11919**

**NAS 1.60:1591**

Hassell, James L.

Full-scale wind-tunnel investigation of the advanced technology light twin-engine airplane (ATLIT) / James L. Hassell, William A. Newsom, and Long P. Yip. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Office ; [Springfield, Va. : For sale by the National Technical Information Service], 1980.

209 p. : ill. ; 28 cm. — (NASA technical paper ; 1591) "Langley Research Center." "May 1980"—Cover. Includes bibliographical references. ●Item 830-H-15 (microfiche)

1. Airplanes — Performance. 2. Airplanes — Control systems. 3. Airplanes — Handling characteristics. 4. Stability of airplanes. 5. Drag (Aerodynamics) I. Newsom, William A. II. Yip, Long P. III. Langley Research Center. IV. United States. National Aeronautics and Space Administration. Scientific and Technical Information Office. V. Title. VI. Series. OCLC 09242264

**83-11920**

**NAS 1.60:1592**

Carr, Peter C.

Effects of fuselage forebody geometry on low-speed lateral-directional characteristics of twin-tail fighter model at high angles of attack / Peter C. Carr, William P. Gilbert. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Infrmation Service], 1979.

70 p. : ill. ; 28 cm. — (NASA technical paper ; 1592) "Dryden Flight Research Center." "Langley Research Center." "December 1979"—Cover. Includes bibliographical references. ●Item 830-H-15 (microfiche)

1. Fighter planes. 2. Airplanes — Fuselage. I. Gilbert, William P. II. Hugh L. Dryden Flight Research Center. III. Langley Research Center. IV. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. V. Title. VI. Series. OCLC 09268014

**83-11921**

**NAS 1.60:1731**

Townsend, Dennis P.

Comparisons of modified VASCO X-2 and AISI 9310 gear steels / Dennis P. Townsend and Erwin V. Zaretsky. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1980.

16 p. : ill. ; 28 cm. — (NASA technical paper ; 1731) "Lewis Research Center." "November 1980"—Cover. Includes bibliographical references. STAR category 37. ●Item 830-H-15 (microfiche)

1. Gearing, Spur. 2. Hardness — Testing. 3. Gearing, Spur — Testing. I. Zaretsky, Erwin V. II. Lewis Research Center. III. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. IV. Title. V. Series. OCLC 09242937

**83-11922**

**NAS 1.60:1749**

Schiff, Lewis B.

Numerical simulation of steady supersonic viscous flow / Lewis B. Schiff and Joseph L. Steger. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1981.

39 p. : ill. ; 28 cm. — (NASA technical paper ; 1749) "Ames Research Center." "May 1981"—Cover. Includes bibliographical references. ●Item 830-H-15 (microfiche)

1. Aerodynamics, Supersonic. 2. Navier-Stokes equations. I. Steger, Joseph L. II. Ames Research Center. III. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. IV. Title. V. Series. OCLC 09242767

**83-11923**

**NAS 1.60:1768**

Prok, George M.

Effect of hydroprocessing severity on characteristics of jet fuel from TOSCO II and paraho distillates / George M. Prok, Francisco J. Flores, and Gary T. Seng. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1981.

17 p. : ill. ; 28 cm. — (NASA technical paper ; 1768) "Lewis Research Center." "June 1981"—Cover. Includes bibliographical references. STAR category 28. ●Item 830-H-15 (microfiche)

1. Shale oils. 2. Jet planes — Fuel. I. Flores, Francisco J. II. Seng, Gary T. III. Lewis Research Center. IV. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. V. Title. VI. Series. OCLC 09242841

**83-11924**

**NAS 1.60:1769**

Yoshikawa, Kenneth K.

Steady and nonsteady supersonic turbulent afterbody flow / Kenneth K. Yoshikawa and Alan A. Wray. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1981.

iv, 18 p. : ill. ; 28 cm. — (NASA technical paper ; 1769) "Ames Research Center." "February 1981"—Cover. Includes bibliographical references. ●Item 830-H-15 (microfiche)

1. Unsteady flow (Aerodynamics) 2. Aerodynamics, Supersonic. I. Wray, Alan A. II. Ames Research Center. III. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. IV. Title. V. Series. OCLC 09242501

**83-11925**

**NAS 1.60:1772**

Wood, Jerry R.

Improved method for calculating transonic velocities on blade-to-blade stream surfaces of a turbomachine / Jerry R. Wood. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1981.

25 p. : ill. ; 28 cm. — (NASA technical paper ; 1772) "Lewis Research Center." "April 1981"—Cover. Includes bibliographical references. STAR category 02. ●Item 830-H-15 (microfiche)

1. Aerodynamics, Transonic. 2. Turbomachines — Blades. 3. Turbomachines — Aerodynamics. I. Lewis Research Center. II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. Title. IV. Series. OCLC 09242871

**83-11926**

**NAS 1.60:1798**

Lyons, Valerie J.

Effect of fuel-air-ratio nonuniformity on emissions of nitrogen oxides / Valerie J. Lyons. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1981.

11 p. : ill. ; 28 cm. — (NASA technical paper ; 1798) "Lewis Research Center." "November 1981"—Cover. Includes bibliographical references. STAR category 07. ●Item 830-H-15 (microfiche)

1. Combustion research. 2. Fuel research. I. Lewis Research Center. II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. Title. IV. Series. OCLC 09242913

**83-11927**

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EVA assembly of a large space structure element / Laurence J. Bement ... [et al.]. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1981.

35 p. : ill. ; 28 cm. — (NASA technical paper ; 1872) "Langley Research Center." "George C. Marshall Space Flight Center." "June 1981"—Cover. Includes bibliographical references. ●Item 830-H-15 (microfiche)

1. Extravehicular activity (Manned space flight) 2. Space frame structures. 3. Space (Architecture) I. Bement, Laurence J. II. Langley Research Center. III. George C. Marshall Space Flight Center. IV. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. V. Title: E.V.A. assembly of a large space structure element. VI. Series. OCLC 09246766

**83-11928**

**NAS 1.60:1873**

Lanier, John R.

Life test of a nickle cadmium battery with a protection/reconditioning circuit / John R. Lanier, and John R. Bush. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1981.

iv, 14 p. : ill. ; 28 cm. — (NASA technical paper ; 1873) "George C. Marshall Space Flight Center." "May 1981"—Cover. Includes bibliographical references. ●Item 830-H-15 (microfiche)

1. Nickle-cadmium batteries. I. Wray, Alan A. II. George C. Marshall Space Flight Center. III. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. IV. Title. V. Series. OCLC 09244172

**83-11929**

**NAS 1.60:1876**

Mukhopadhyay, Vivek.

A Method for obtaining reduced-order control laws for high-order systems using optimization techniques / Vivek Mukpadhohyay, Jerry R. Newsom, and Irving Abel. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1981.

64 p. : ill. ; 28 cm. — (NASA technical paper ; 1876) "Langley Research Center." "August 1981"—Cover. Includes bibliographical references. ●Item 830-H-15 (microfiche)

1. Control theory. 2. Feedback control systems. 3. Mathematical optimization. I. Newsom, Jerry R. II. Abel, Irving. III. Langley Research Center. IV. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. V. Title. VI. Series. OCLC 09242316

**83-11930**

**NAS 1.60:1878**

Lamb, Milton.

Experimental and theoretical supersonic lateral-directional stability characteristics of a simplified wing-body configuration with a series of vertical-tail arrangements / Milton Lamb, Wallace C. Sawyer, and James L. Thomas. — Washington, D.C. : National Aeronautics and Space Administration, Scien-

tific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1981.

44 p. : ill. ; 28 cm. — (NASA technical paper ; 1878) "Langley Research Center." "August 1981"—Cover. Includes bibliographical references. ●Item 830-H-15 (microfiche)

1. Airplanes — Wings. 2. Airplanes — Tail surfaces. 3. Aerodynamics, Supersonic. I. Sawyer, Wallace C. II. Thomas, James L. (James Lee), 1952- III. Langley Research Center. IV. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. V. Title. VI. Series. OCLC 09262035

**83-11931**

**NAS 1.60:1898**

Mueller, Arnold W.

Flight test of a pure-tone acoustic source / Arnold W. Mueller and John S. Preisser. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1981.

iii, 35 p. : ill. ; 28 cm. — (NASA technical paper ; 1898) "Langley Research Center." "October 1981"—Cover. Includes bibliographical references. ●Item 830-H-15 (microfiche)

1. Airplanes — Flight testing. 2. Acoustical engineering. I. Preisser, John S. II. Langley Research Center. III. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. IV. Title. V. Series. OCLC 09244001

**83-11932**

**NAS 1.60:1935**

Rowland, Carroll W.

Excess noise in tunable diode lasers / Carroll W. Rowland. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1981.

13 p. : ill. ; 28 cm. — (NASA technical paper ; 1935) "Langley Research Center." "November 1981"—Cover. Includes bibliographical references. ●Item 830-H-15 (microfiche)

1. Lasers. 2. Superheterodyne receivers. I. Langley Research Center. II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. Title. IV. Series. OCLC 09242229

**83-11933**

**NAS 1.60:1981**

Davis, Randall C.

Design detail verification tests for a lightly loaded open-corrugation graphite-epoxy cylinder / Randall C. Davis and James H. Starnes. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1982.

ii, 23 p. : ill. ; 28 cm. — (NASA technical paper ; 1981) "Langley Research Center." "March 1982"—Cover. Includes bibliographical references. ●Item 830-H-15 (microfiche)

1. Structural design. 2. Structural engineering. I. Starnes, James H. II. Langley Research Center. III. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. IV. Title. V. Series. OCLC 09262078

**83-11934**

**NAS 1.60:1987**

Von Pragenau, George L.

Damping seals for turbomachinery / George L. von Pragenau. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1982.

viii, 19 p. : ill. ; 28 cm. — (NASA technical paper ; 1987) "George C. Marshall Space Flight Center." "March 1982"—Cover. Includes bibliographical references. ●Item 830-H-15 (microfiche)

1. Turbomachines. 2. Impellers. I. George C. Marshall Space Flight Center. II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. Title. IV. Series. OCLC 09246838

**83-11935**

**NAS 1.60:1988**

Smith, Orvel E.

Sensitivity analysis of the space shuttle to ascent wind profiles / Orvel E. Smith, Lambert D. Austin, Jr. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1982.

iv, 14 p. : ill. ; 28 cm. — (NASA technical paper ; 1988) "George C. Marshall Space Flight Center." "Lyndon B. Johnson Space Center." "March 1982"—Cover. Includes bibliographical references. ●Item 830-H-15 (microfiche)

1. Reusable space vehicles. I. Austin, Lambert D. II. George C. Marshall Space Flight Center. III. Lyndon B. Johnson Space Center. IV. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. V. Title. VI. Series. OCLC 09244111

**83-11936**

**NAS 1.60:1994**

Jones, William R., 1940-

Thermal and oxidative degradation studies of fomulated C-ethers by gel-permeation chromatography / William R. Jones, and Wilfredo Morales. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1982.

11 p. : ill. ; 28 cm. — (NASA technical paper ; 1994) "Lewis Research Center." "March 1982"—Cover. Includes bibliographical references. STAR category 27. ●Item 830-H-15 (microfiche)

1. Gel permeation chromatography. 2. Ethers. 3. Oxidation. I. Morales, Wilfredo. II. Lewis Research Center. III. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. IV. Title. V. Series. OCLC 09242976

**83-11937**

**NAS 1.60:2016**

Dressler, Robert F.

Approximate analysis of thermal convention in a crystal-growth cell for spacelab 3 / Robert F. Dressler. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1982.

8 p. : ill. ; 28 cm. — (NASA technical paper ; 2016) "NASA Office of Space Science and Applications." "June 1982"—Cover. Inlcudes bibliographical references. ●Item 830-H-15 (microfiche)

1. Convection (Astrophysics) 2. Crystals — Growth. I. United States. Office of Space Science and Applications. II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. Title. IV. Series. OCLC 09246709

**83-11938**

**NAS 1.60:2040**

Ishigaki, Hiroyuki.

Influence of corrosive solutions on microhardness and chemistry of magnesium oxide [001] surfaces / Hiroyuki Ishigaki, Kazuhisa Miyoshi, and Donald H. Buckley. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1982.

8 p. : ill. ; 28 cm. — (NASA technical paper ; 2040) "Lewis Research Center." "August 1982"—Cover. Includes bibliographical references. STAR category 37. ●Item 830-H-15 (microfiche)

1. Microhardness. 2. Corrosion and anti-corrosives. I. Miyoshi, Kazuhisa. II. Buckley, Donald H. III. Lewis Research Center. IV. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. V. Title. VI. Series. OCLC 09243261

## NATIONAL CAPITAL PLANNING COMMISSION
## Washington, DC 20576

**83-11939**

**NC 2.2:F 31/980-85**

United States. National Capital Planning Commission.

Federal capital improvements program for the national capital region, fiscal years 1980-85. — Washington, D.C. : National Capital Planning Commission, [1979]

197 p. : ill., maps ; 21 x 33 cm. "June 7, 1979."

1. Capital budget — Washington (D.C.) 2. Washington (D.C.) — Public works. 3. Capital investments — Washington (D.C.) I. Title. OCLC 05697775

## NATIONAL ENDOWMENT FOR THE ARTS
## National Foundation on the Arts and the Humanities
## Washington, DC 20506

**83-11940**

**NF 2.1:981**

National Endowment for the Arts.

Annual report / National Endowment for the Arts. Washington, D.C. : Division of Publications, National Endowment for the Arts, Division of Publications, National Endowment for the Arts, 2401 E Street, N.W., Washington, D.C., 20506

v. : ill. ; 28 cm.

Annual

Began with 1966/67. Description based on: 1980. Report covers fiscal year 1981. Reports for (1980)- include also the Annual report of the National Council on the Arts. ISSN 0083-2103

1. National Endowment for the Arts — Periodicals. 2. National Council on the Arts — Periodicals. 3. Art and state — United States — Periodicals. I. National Council on the Arts. Annual report. Key Title: Annual report - National Endowment for the Arts/National Council on the Arts II. Title. NX22.N314 76-601521 //r81 700/.61/73 OCLC 02533080

**83-11941**

**NF 2.8:Ad 9/983**

Advancement II / National Endowment for the Arts. [Washington, D.C.] : The Endowment, National Endowment for the Arts, 2401 E St., N.W., Washington, D.C., 20506

v. ; 28 cm. Title from cover. At head of title: Application guidelines. Description based on: Fiscal year 1983. Report covers fiscal year 1983. ●Item 831-B-2

1. Arts — Scholarships, fellowships, etc. — United States — Periodicals. 2. Federal aid to the arts — United States — Periodicals. I. National Endowment for the Arts. OCLC 09247142

**83-11942**

**NF 2.8:Ar 7/3/983**

Artists in education / National Endowment for the Arts. [Washington, D.C.] : The Endowment, National Endowment for the Arts, 2401 E St., N.W., Washington, D.C., 20506

v. ; 28 cm.

Annual Title from cover. At head of title: Application guidelines. Description based on: Fiscal year 1982. Report covers fiscal year 1983. ●Item 831-B-2 Continues: Artists in schools

1. Arts — Scholarships, fellowships, etc. — United States — Periodicals. 2. Artists as teachers — United States — Periodicals. 3. Federal aid to the arts — United States — Periodicals. I. National Endowment for the Arts. OCLC 08505300

**83-11943**

**NF 2.8:C 35/983/instructions**

Challenge grant application forms & instructions / National Endowment for the Arts. [Washington, D.C.] : The Endowment, National Endowment for the Arts, 2401 E St., N.W., Washington, D.C., 20506

v. : forms ; 28 cm. Title from cover. At head of title: Application guidelines. Description based on: Fiscal year 1983. Report covers fiscal year 1983. ●Item 831-B-2

1. Arts — Scholarships, fellowships, etc. — United States — Periodicals. 2. Federal aid to the arts — United States — Periodicals. I. National Endowment for the Arts. OCLC 09247248

**83-11944**

**NF 2.8:C 35/2/982-83**
NF 2.8:C 35/2/983-84

National Endowment for the Arts.

New music performance and chamber music / National Endowment for the Arts. [Washington, D.C.] : The Endowment, National Endowment for the Arts, 2401 E St., NW, Washington, DC 20506

v. ; 28 cm.

Biennial 1983/84-

Biennial 1979/80-80/81

Annual 1982

1979/80-80/81- Other title: New music performance and chamber music application guidelines 1982- At head of title, 1979/80-80/81: Application guidelines, music program. Report covering fiscal years 1982, and performance season 1982/83; and report covering fiscal years 1983-1984, and performance seasons 1983/84-1984/85. ●Item 831-B-2

1. Music — United States — Endowments — Periodicals. 2. Chamber music — United States — Periodicals. 3. Federal aid to the arts — United States — Periodicals. I. Title. OCLC 05350411

**83-11945**

**NF 2.8:J 33/984**

Jazz (Washington, D.C.)

Jazz / National Endowment for the Arts. [Washington, D.C.] : The Endowment, National Endowment for the Arts, 2401 E St., NW., Washington, D.C. 20506

v. ; 28 cm.

Annual

Began with 1979/80. Title from cover. At head of title: Music program application guidelines. Description based on: Fiscal year 1982. Report covers fiscal year 1984. ●Item 831-B-2 Continues: Jazz/folk music

1. Federal aid to the arts — United States — Periodicals. 2. Jazz music — Scholarships, fellowships, etc. — United States — Periodicals. I. National Endowment for the Arts. OCLC 04799271

**83-11946**

**NF 2.8:L 71/2/982**
**NF 2.8:L 71/2/983**
**NF 2.8:L 71/2/984**

Literature (Washington, D.C.)

Literature / National Endowment for the Arts. [Washington, D.C.] : The Endowment, National Endowment for the Arts, 2401 E St., N.W., Washington, DC, 20506

v. : forms : 28 cm.

Annual Caption title: Literature program ⟨1979⟩ Title from cover. At head of title: Application guidelines. Description based on: Fiscal year 1982. Reports cover fiscal years 1982, 1983, and 1984. ●Item 831-B-2 ISSN 0197-8829

1. Federal aid to the arts — United States — Periodicals. 2. Literature — Scholarships, fellowships, etc. — United States — Periodicals. I. National Endowment for the Arts. Key Title: Literature (Washington) sc-80000521 OCLC 03815298

**83-11947**

**NF 2.8:M 97/3/982-83**

Orchestra / National Endowment for the Arts. [Washington, D.C.] : The Endowment, National Endowment for the Arts, 2401 E. St., N.W., Washington, DC 20506

v. ; 28 cm.

Annual Title from cover. At head of title, ⟨1979⟩: Application guidelines, music program. At head of title, ⟨1983⟩: Music program/orchestra application guidelines. Description based on: 1979. Report covers fiscal years 1982 and 1983, for 1982/83 and 1983/84 performance seasons. ●Item 831-B-2 Continues: Music program, guidelines for grants to symphony orchestras

1. Orchestra — Periodicals. 2. Federal aid to the arts — United States — Periodicals. I. National Endowment for the Arts. OCLC 04162548

**83-11948**

**NF 2.8:P 94/981**

National Endowment for the Arts.

Guide to programs / National Endowment for the Arts. Washington, D.C. : The Endowment, -1980. National Endowment for the Arts, 2401 E St., N.W., Washington, D.C., 20506

v. : ill. ; 23 cm.

Annual

-1981. 1981. Description based on: 1981. ●Item 831-B-2 Continues: National Endowment for the Arts. Guide to programs. Architectureenvironmental arts, dance, education, expansion arts, federal-state partnership, literature, museums, music, public media, special projects, theatre, visual arts ISSN 0360-3407 Continued by: National Endowment for the Arts. Guide to programs of the Arts Endowment

1. National Endowment for the Arts — Periodicals. 2. Arts — Scholarships, fellowships, etc. — United States — Periodicals. I. Title. OCLC 09253033

**83-11949**

**NF 2.8:P 94/982**

National Endowment for the Arts.

Guide to programs of the Arts Endowment / National Endowment for the Arts. [Washington, D.C.] : The Endowment, 1982- National Endowment for the Arts, 2401 E St., N.W., Washington, D.C., 20506

v. : ill. ; 23 x 11 cm.

May 1982- Title from cover. May 1982. ●Item 831-B-2 Continues: National Endowment for the Arts. Guide to programs

1. National Endowment for the Arts — Periodicals. 2. Arts — Scholarships, fellowships, etc. — United States — Periodicals. I. Title. OCLC 09256892

**83-11950**

**NF 2.8:St 2/983**

National Endowment for the Arts. Office for Partnership.

State programs / National Endowment for the Arts, Office for Partnership. [Washington, D.C.] : The Office, National Endowment for the Arts, Office for Partnership, 2401 E St., N.W., Washington, D.C., 20506

v. ; 28 cm. Title from cover. Description based on: Fiscal year 1983. Report covers fiscal year 1983. ●Item 831-B-2

1. National Endowment for the Arts — Periodicals. 2. Arts — Scholarships, fellowships, etc. — United States — Periodicals. 3. Arts — United States — States — Directories. I. Title. OCLC 09269604

**83-11951**

**NF 2.8:T 34/2/982-83**
**NF 2.8:T 34/2/983-84**

Theatre (Washington, D.C.)

Theatre / National Endowment for the Arts. [Washington, D.C.] : The Endowment, National Endowment for the Arts, 2401 E St., N.W., Washington, D.C., 20506

v. : forms ; 28 cm.

Annual

Began with 1979. Title from cover. At head of title: Application guidelines. 82/83, for 1982/83 performance season; 83/84, for 1983/84 performance season. Description based on: 82/83. ●Item 831-B-2 Continues: Theatre program ISSN 0363-7115

1. Federal aid to the theater — United States — Periodicals. 2. Theater — Scholarships, fellowships, etc. — United States — Periodicals. I. National Endowment for the Arts. OCLC 03836656

**83-11952**

**NF 2.8:V 82/3/983-84**

Visual artists fellowships / National Endowment for the Arts. [Washington, D.C.] : The Endowment, 1982- National Endowment for the Arts, 2401 E. St. N.W., Washington, D.C. 20506

v. : form ; 28 cm.

Annual

Fiscal years 1983 and 1984- Title from cover. At head of title: Application guidelines. Report covers fiscal years 1983 and 1984. ●Item 831-B-2 Continues in part: Visual arts ISSN 0277-0490

1. Art — Scholarships, fellowships, etc. — United States — Periodicals. I. National Endowment for the Arts. OCLC 09252781

## NATIONAL ENDOWMENT FOR THE HUMANITIES
### National Foundation on the Arts and the Humanities
### Washington, DC 20506

**83-11953**

**NF 3.2:F 33/6/982-83**
**NF 3.2:F 33/6/983-84**

National Endowment for the Humanities. Division of Fellowships and Seminars.

Fellowships for college teachers and for independent study and research / National Endowment for the Humanities, Division of Fellowships and Seminars. [Washington, D.C.] : The Endowment, [1981- Division of Fellowships and Seminars, Stop 101, National Endowment for the Humanities, Washington, D.C., 20506

v. : form ; 28 cm.

Annual

1982-83- Other title: Fellowships for independent study and research Title from cover. Reports cover academic year 1982-83 and academic year 1983-84. ●Item 831-B-1 Continues: National Endowment for the Humanities. Fellowships for college teachers, fellowships for independent study and research

1. College teachers — Scholarships, fellowships, etc. — United States — Periodicals. 2. Humanities — Scholarships, fellowships, etc. — United States — Periodicals. I. Title. OCLC 09270518

**83-11954**

**NF 3.2:F 33/8/981-82**

National Endowment for the Humanities.

Residential fellowships for college teachers. Seminar descriptions. [Washington, D.C.? : National Endowment for the Humanities, National Endowment for the Humanities, 806 15th St., N.W., Washington, D.C., 20506

v. ; 28 cm. Title from cover. Description based on: 1981-1982. Report covers academic year 1981-1982. ●Item 831-B-1

1. College teachers — Scholarships, fellowships, etc. — United States — Periodicals. 2. Humanities — Scholarships, fellowships, etc. — United States — Periodicals. I. Title. OCLC 06721999

**83-11955**

**NF 3.2:F 33/9/982-83**

National Endowment for the Humanities. Division of Fellowships and Seminars.

NEH fellowships at centers for advanced study / National Endowment for the Humanities, Division of Fellowships and Seminars. [Washington, D.C.] : The Division, [1981?- Division of Fellowships and Seminars, MS-101, National Endowment for the Humanities, 806 15th St., N.W., Washington, D.C., 20506

v. ; 22 x 28 cm.

Annual

1982-83- Title from cover. 1982-83. ●Item 831-B-1 Continues: National Endowment for the Humanities. NEH fellowships at centers for advanced study

1. Humanities — Scholarships, fellowships, etc. — United States — Periodicals. I. Title. OCLC 09271669

**83-11956**

**NF 3.2:St 5/983**

National Endowment for the Humanities. Division of Fellowships and Seminars.

Summer stipends / National Endowment for the Humanities, Division of Fellowships and Seminars. [Washington, D.C.] : The Division, National Endowment for the Humanities, Division of Fellowships and Seminars, Mail stop 101, 806 15th St., N.W., Washington, D.C., 20506

v. ; 43 x 28 cm. folded to 14 x 22 cm.

Annual Title from caption. 1983. Description based on: 1983. ●Item 831-B-1

1. College teachers — Scholarships, fellowships, etc. — United States — Periodicals. 2. Humanities — Scholarships, fellowships, etc. — United States — Periodicals. I. Title. OCLC 09271253

**83-11957**

**NF 3.8:Ed 8/982**

National Endowment for the Humanities. Division of Education Programs.

Guidelines / National Endowment for the Humanities, Division of Education Programs. [Washington, D.C.] : The Division, National Endowment for the Humanities, MS-202, 806 15th St., N.W., Washington, D.C., 20506

v. ; 23 cm. Title from cover. 1982. Description based on: 1982. ●Item 831-B-1 Continues: National Endowment for the Humanities. Division of Education Programs. Division of Education programs

1. Endowments — United States — Periodicals. 2. National Endowment for the Humanities — Periodicals. 3. Education, Humanistic — United States — Periodicals. I. Title. OCLC 09286140

**83-11958**

**NF 3.13:C 68/980**

National Endowment for the Humanities.

Summer seminars for college teachers / National Endowment for the Humanities. Washington, D.C. : The Endowment, -[1981] Division of Fellowships and Seminars, National Endowment for the Humanities, 806 15th St., N.W., Washington, D.C. 20506

v. ; 22 x 28 cm.

Annual

-1981. Other title: NEH ... summer seminars for college teachers Title from cover. 1980. Description based on: 1980. ●Item 831-B-2 Continued by: National Endowment for the Humanities. Division of Fellowships and Seminars. Summer seminars for college teachers

1. College teachers — Training of — United States — Periodicals. I. Title. OCLC 09257880

**83-11959**

**NF 3.13:C 68/981**

National Endowment for the Humanities.

Summer seminars for college teachers / National Endowment for the Humanities. Washington, D.C. : The Endowment, -[1981] Division of Fellowships and Seminars, National Endowment for the Humanities, 806 15th St., N.W., Washington, D.C. 20506

v. ; 22 x 28 cm.

Annual

-1981. Other title: NEH ... summer seminars for college teachers Title from cover. 1981. Description based on: 1980. ●Item 831-B-2 Continued by: National Endowment for the Humanities. Division of Fellowships and Seminars. Summer seminars for college teachers

1. College teachers — Training of — United States — Periodicals. I. Title. OCLC 09257880

**83-11960**

**NF 3.13:C 68/981/guide. part.**

National Endowment for the Humanities. Division of Fellowships and Seminars.

Summer seminars for college teachers. Guidelines and application form for participants / National Endowment for the Humanities, Division of Fellowships and Seminars. [Washing-

ton, D.C.] : The Division, Division of Fellowships and Seminars, National Endowment for the Humanities, Mail Stop 101, 806 15th St., N.W., Washington, D.C. 20506
v. : form ; 28 cm.
Annual Title from cover. 1981. Description based on: 1981. ●Item 831-B-1
1. College teachers — Training of — United States — Periodicals. I. Title. OCLC 09259727

**83-11961**

**NF 3.13:C 68/981/list**

National Endowment for the Humanities. Division of Fellowships.
Summer seminars for college teachers. Advance list / National Endowment for the Humanities, Division of Fellowships. [Washington, D.C.] : The Division, Division of Fellowships, National Endowment for the Humanities, Mail Stop 101, 806 15th St., N.W., Washington, D.C. 20506
v. ; 28 cm. Title from cover. 1981. Description based on: 1981. ●Item 831-B-1
1. College teachers — Training of — United States — Periodicals. I. Title. OCLC 09259133

**83-11962**

**NF 3.13:C 68/982**

National Endowment for the Humanities. Division of Fellowships and Seminars.
Summer seminars for college teachers / National Endowment for the Humanities, Division of Fellowships and Seminars. Washington, D.C. : The Division, [1982- Division of Fellowships and Seminars, National Endowment for the Humanities, 806 15th St., N.W., Washington, D.C. 20506
v. ; 22 x 28 cm.
Annual
1982- Title from cover. 1982. ●Item 831-B-1 Continues: National Endowment for the Humanities. Summer seminars for college teachers
1. College teachers — Training of — United States — Periodicals. I. Title. OCLC 09257961

**83-11963**

**NF 3.13:C 68/982/desc.**

National Endowment for the Humanities. Division of Fellowships and Seminars.
Summer seminars for college teachers. Seminar descriptions / National Endowment for the Humanities, Division of Fellowships and Seminars. [Washington, D.C.] : The Division, Division of Fellowships and Seminars, National Endowment for the Humanities, Mail Stop 101, 806 15th St., N.W., Washington, D.C. 20506
v. ; 23 cm. Title from cover. 1982. Description based on: 1982. ●Item 831-B-1
1. College teachers — Training of — United States — Periodicals. I. Title. OCLC 09259532

**83-11964**

**NF 3.13:C 68/982/guide. dir.**

National Endowment for the Humanities. Division of Fellowships and Seminars.
Summer seminars for college teachers. Guidelines and application form for directors / National Endowment for the Humanities, Division of Fellowships and Seminars. [Washington, D.C.] : The Division, Division of Fellowships and Seminars, National Endowment for the Humanities, Mail Stop 101, 806 15th St., N.W., Washington, D.C. 20506
v. : form ; 28 cm.
Annual Title from cover. 1982. Description based on: 1982. ●Item 831-B-1
1. College teachers — Training of — United States — Periodicals. I. Title. OCLC 09259385

**83-11965**

**NF 3.13:C 68/982/guide. part.**

National Endowment for the Humanities. Division of Fellowships and Seminars.
Summer seminars for college teachers. Guidelines and application form for participants / National Endowment for the Humanities, Division of Fellowships and Seminars. [Washington, D.C.] : The Division, Division of Fellowships and Seminars, National Endowment for the Humanities, Mail Stop 101, 806 15th St., N.W., Washington, D.C. 20506
v. : form ; 28 cm.
Annual Title from cover. 1982. Description based on: 1981. ●Item 831-B-1
1. College teachers — Training of — United States — Periodicals. I. Title. OCLC 09259727

**83-11966**

**NF 3.13:C 68/983**

National Endowment for the Humanities. Division of Fellowships and Seminars.
Summer seminars for college teachers / National Endowment for the Humanities, Division of Fellowships and Seminars. Washington, D.C. : The Division, [1982- Division of Fellowships and Seminars, National Endowment for the Humanities, 806 15th St., N.W., Washington, D.C. 20506
v. ; 22 x 28 cm.
Annual
1982- Title from cover. 1983. ●Item 831-B-1 Continues: National Endowment for the Humanities. Summer seminars for college teachers
1. College teachers — Training of — United States — Periodicals. I. Title. OCLC 09257961

**83-11967**

**NF 3.13:C 68/983/guide. dir.**

National Endowment for the Humanities. Division of Fellowships and Seminars.
Summer seminars for college teachers. Guidelines and application form for directors / National Endowment for the Humanities, Division of Fellowships and Seminars. [Washington, D.C.] : The Division, Division of Fellowships and Seminars, National Endowment for the Humanities, Mail Stop 101, 806 15th St., N.W., Washington, D.C. 20506
v. : form ; 28 cm.
Annual Title from cover. 1983. Description based on: 1982. ●Item 831-B-1
1. College teachers — Training of — United States — Periodicals. I. Title. OCLC 09259385

**83-11968**

**NF 3.13:C 68/983/guide. part.**

National Endowment for the Humanities. Division of Fellowships and Seminars.
Summer seminars for college teachers. Guidelines and application form for participants / National Endowment for the Humanities, Division of Fellowships and Seminars. [Washington, D.C.] : The Division, Division of Fellowships and Seminars, National Endowment for the Humanities, Mail Stop 101, 806 15th St., N.W., Washington, D.C. 20506
v. : form ; 28 cm.
Annual Title from cover. 1983. Description based on: 1981. ●Item 831-B-1
1. College teachers — Training of — United States — Periodicals. I. Title. OCLC 09259727

83-11969

NF 3.13:C 68/984/guide. dir.

National Endowment for the Humanities. Division of Fellowships and Seminars.

Summer seminars for college teachers. Guidelines and application form for directors / National Endowment for the Humanities, Division of Fellowships and Seminars. [Washington, D.C.] : The Division, Division of Fellowships and Seminars, National Endowment for the Humanities, Mail Stop 101, 806 15th St., N.W., Washington, D.C. 20506

v. : form ; 28 cm.

Annual Title from cover. 1984. Description based on: 1982. ●Item 831-B-1

1. College teachers — Training of — United States — Periodicals. I. Title. OCLC 09259385

83-11970

NF 3.13:H 88/2/981

National Endowment for the Humanities.

Application for ... summer humanities seminars for the professions / National Endowment for the Humanities. [Washington, D.C.] : The Endowment, National Endowment for the Humanities, Washington, D.C. 20506

v. : form ; 28 cm.

Annual Title from cover. 1981. Description based on: 1981. ●Item 831-B-1

1. Professional education — United States — Periodicals. I. Title. OCLC 09270299

83-11971

NF 3.13:H 88/981

National Endowment for the Humanities.

Application for ... summer humanities seminars for teachers in law schools and medical and health care schools / National Endowment for the Humanities. [Washington, D.C.] : The Endowment, [ -1981] National Endowment for the Humanities, 806 15th St., N.W., Washington, D.C. 20506

v. : forms ; 28 cm.

Annual

-1981. Title from cover. 1981. Description based on: 1981. ●Item 831-B-1 Continued by: National Endowment for the Humanities. Division of Fellowships and Seminars. Application for ... summer humanities seminars for teachers in law schools and medical and health care schools

1. Law teachers — Training of — United States — Periodicals. 2. Medical teaching personnel — Training of — United States — Periodicals. I. Title. OCLC 09269989

83-11972

NF 3.13:H 88/982

National Endowment for the Humanities. Division of Fellowships and Seminars.

Appication for ... summer humanities seminars for teachers in law schools and medical and health care schools / National Endowment for the Humanities, Division of Fellowships and Seminars. [Washington, D.C.] : The Division, [1982- Division of Fellowships and Seminars, National Endowment for the Humanities, 806 15th St., N.W., Washington, D.C. 20506

v. : forms ; 28 cm.

Annual

1982- Title from cover. 1982. ●Item 831-B-1 Continues: National Endowment for the Humanities. Application for ... summer humanities seminars for teachers in law schools and medical and health care schools

1. Law teachers — Training of — United States — Periodicals. 2. Medical teaching personnel — Training of — United States — Periodicals. I. Title. OCLC 09269778

83-11973

NF 3.13:Se 2/983/guidelines participants

National Endowment for the Humanities. Division of Fellowships and Seminars.

NEH summer seminars for secondary school teachers. Guidelines and application form for participants / National Endowment for the Humanities, Division of Fellowships and Seminars. [Washington, D.C.] : The Division, Division of Fellowships and Seminars, National Endowment for the Humanities, MS-101, Washington, D.C. 20506

v. : form ; 28 cm.

Annual Title from cover. 1983. Description based on: 1983. ●Item 831-B-1

1. High school teachers — Training of — United States — Periodicals. I. Title. OCLC 09270184

83-11974

NF 3.13:Se 2/984/guidelines directors

National Endowment for the Humanities. Division of Fellowships and Seminars.

Summer seminars for secondary school teachers. Guidelines and application form for directors / National Endowment for the Humanities, Division of Fellowships and Seminars. [Washington, D.C.] : The Division, Division of Fellowships and Seminars, National Endowment for the Humanities, Washington, D.C. 20506

v. : form ; 28 cm.

Annual Title from cover. 1984. Description based on: 1984. ●Item 831-B-1

1. High school teachers — Training of — United States — Periodicals. I. Title. OCLC 09270229

## NATIONAL SCIENCE FOUNDATION
## Washington, DC 20550

83-11975

NS 1.2:Aw 1/976

Summary of awards / Computer Science Section. Washington, D.C. : National Science Foundation, Division of Mathematical and Computer Sciences, Computer Science Section, National Science Foundation, Computer Science Section, Washington, D.C., 20550

v. ; 27 cm.

Annual Title from cover. "NSF 77-85"—Cover. Description based on: Fiscal year 1976 and the transition quarter. Report covers fiscal year 1976 and the transition quarter. ●Item 834-C (microfiche)

1. Science — Research grants — United States — Periodicals. I. National Science Foundation (U.S.). Computer Science Section. Discard sn-82001016 OCLC 07980942

83-11976

NS 1.2:D 49/2

Development projects in science education. [Washington, D.C.] : National Science Foundation, National Science Foundation, Washington, D.C., 20550

v. ; 21 x 27 cm.

Began with Sept. 1977. Sept. 1977. Description based on: Sept. 1977. ●Item 834-C (microfiche)

1. Science — Study and teaching (Higher) — United States — Periodicals. 2. Science — Study and teaching (Secondary) — United States — Periodicals. 3. Science — Study and teaching (Elementary) — United States — Periodicals. 4. Educational innovations — United States — Directories. I. National Science Foundation (U.S.) OCLC 04048949

**83-11977**

**NS 1.2:M 42/8**

The Improvement of mathematics education using information technology. Washington, D.C. : National Science Foundation, Division of Science Education Development and Research, National Science Foundation, Division of Science Education Development and Research, Washington, D.C., 20550

v. ; 27 cm.

Biennial

Began with 1979-81. Title from cover. "SE 80-59"—P. 4 of cover. Description based on: Fiscal year 1980 and fiscal year 1981. Report covers fiscal years 1980-81. Jointly administered by the National Institute of Education. ●Item 834-C (microfiche)

1. Mathematics — Study and teaching — Periodicals. 2. Computer-assisted instruction — Periodicals. 3. Educational technology — Periodicals. I. National Science Foundation (U.S.). Division of Science Education Development and Technology. II. National Institute of Education (U.S.) OCLC 05790097

**83-11978**

**NS 1.2:Sci 2/17/976-78**

Federal scientific and technical personnel / [Division of Science Resources Studies, National Science Foundation]. [Washington, D.C.] : The Foundation, National Science Foundation, Washington, D.C., 20550

v. ; 29 cm.

Biennial

1976-78- Title from cover. "NSF 81-309"—Cover. 1976, 1977, and 1978. Prepared in the Foundation's Division of Science Resources Studies. ●Item 834-C Continues: Scientific, technical and health personnel in the federal government

1. Scientists — United States — Statistics — Periodicals. 2. Engineers — United States — Statistics — Periodicals. 3. Technologists — United States — Statistics — Periodicals. I. National Science Foundation (U.S.). Division of Science Resources Studies. OCLC 07610566

**83-11979**

**NS 1.11/2:36**

Reviews of data on science resources / National Science Foundation. Washington, D.C. : National Science Foundation : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., 20402

v ; 26 cm.

$1.50

Began with No. 1., Dec. 1964. Title from caption. Each issue has a distinctive title. "NSF 80-311." No. 36, May 1980. Description based on: No. 36 (May 1980) Issues for Dec. 1964-Aug. 1965 called v.1, no.1-6; issues for Jan. 1966- called no.7- ●Item 834-G S/N 038-000-00444-1 Formed by the union of Reviews of data on research and developmentand Scientific manpower bulletin

1. Scientists — United States — Periodicals. 2. Engineers — United States — Periodicals. 3. Research — United States — Periodicals. I. National Science Foundation (U.S.) OCLC 01773552

**83-11980**

**NS 1.20:Ed 8/5**

National Science Foundation (U.S.)

Guide to science education programs. Washington, D.C. : National Science Foundation, National Science Foundation, Washington, D.C., 20550

v. ; 27 cm.

Annual Caption title: National Science Foundation education programs Title from cover. "SE-79-1"—P. 4 of cover. Description based on: Fiscal year 1979. Report covers fiscal year 1979. ●Item 834-P (microfiche)

1. Science — Study and teaching — Periodicals. I. Title. OCLC 03823518

**83-11981**

**NS 1.20/2:SE 78-21**

Undergraduate research participation / Division of Scientific Personnel Improvement. Washington, D.C. : National Science Foundation, Division of Scientific Personnel Improvement, National Science Foundation, Washington, D.C., 20550

v. : forms ; 27 cm.

Began with 1959-60. Title from cover. "SE 78-21"—P. 4 of cover. Aug. 19, 1977. Description based on: Aug. 19, 1977. Prepared by the Foundation's Division of Scientific Personnel Improvement under various earlier names. Beginning with ⟨1980-81⟩ includes research formerly announced in: Student-originated studies: guide for preparation of proposals and project operation. ●Item 834-F-5

1. Universities and colleges — United States — Research grants — Periodicals. 2. Science — Research grants — United States — Periodicals. 3. Engineering — Research grants — United States — Periodicals. I. National Science Foundation (U.S.). Division of Scientific Personnel Improvement. OCLC 06586655

**83-11982**

**NS 1.20/2:SE 80-30**

Comprehensive assistance to undergraduate science education : guide for the preparation of proposals and project and award management. — Washington, D.C. : National Science Foundation, Division of Science Education Resources Improvement, [1979]

iv, 22 p. : forms ; 27 cm. Cover title. At head of title: Program announcement. "Closing date: November 9, 1979." "July 1979"—P. [4] of cover. "SE 80-30." ●Item 834-C-5 (microfiche)

1. Science — Study and teaching (Higher) — United States — Research grants. I. National Science Foundation (U.S.). Division of Science Education Resources Improvement. OCLC 09306941

**83-11983**

**NS 1.22:G 75/2/979/tables**

Academic science, graduate enrollment and support. Detailed statistical tables. [Washington, D.C.] : National Science Foundation, National Science Foundation, Washington, D.C., 20550

v. ; 29 cm. (Surveys of science resources series)

Annual

Began with 1978. Title from cover. "NSF 80-321"—Cover. Fall 1979. Description based on: Fall 1980. t ●Item 834-T (microfiche) Main series: Surveys of science resources series Continues: Graduate science education, student support and postdoctorals. Detailed statistical tables

1. Graduate students — Science — United States — Statistics — Periodicals. 2. Science — Study and teaching (Higher) — United States — Statistics — Periodicals. 3. Science — Scholarships, fellowships, etc. — Statistics — Periodicals. I. National Science Foundation (U.S.) II. Series. [DNLM 1. Education, Graduate — United States — statistics. 2. Research Support — statistics. 3. Training Support — statistics. W2 A N3706a] OCLC 06134629

**83-11984**

**NS 1.22:H 88**

Human resources for scientific activities at universities and colleges. Washington, D.C. : National Science Foundation, 1978. National Science Foundation, Washington, D.C., 20550

1 v. ; 24 x 30 cm. (Surveys of science resources series)

Annual

Jan. 1978. "NSF 78-318"—Cover. "Technical notes and detailed statistical tables" issued separately and precedes publication of the full report. Jan. 1982. ●Item 834-T (microfiche) Main series: Surveys of science resources series Continues: Manpower resources for scientific activities at universities and colleges 1974-77 Continued by: Academic science, scientists and engineers 1979 ISSN 0730-1456

1. Scientists — Employment — United States — Periodicals. 2. Engineers — Employment — United States — Periodicals. I. National Science Foundation (U.S.) II. Series. OCLC 04676140

**83-11985**

**NS 1.37:6/3**

Ocean sciences / presented by Directorate for Astronomical, Atmospheric, Earth and Ocean Sciences, Division of Ocean Sciences ; prepared by Office of Planning and Resources Management, Division of Planning and Policy Analysis, Program Review Section. — Washington, D.C. : National Science Foundation, 1982.

v, 45 p. : ill. ; 28 cm. — (Program report ; v. 6, no. 3.) "April 1982." "NSF 82-29"—P. [4] of cover. ●Item 830-T (microfiche)

1. Oceanography. I. National Science Foundation (U.S.). Division of Ocean Sciences. II. National Science Foundation (U.S.). Division of Planning and Policy Analysis. Program Review Section. III. Series: Program report (National Science Foundation (U.S.)) ; v. 6, no. 3. OCLC 09262665

## UNITED STATES POSTAL SERVICE
## Washington, DC 20260

**83-11986**

**P 1.1:982**

United States Postal Service.

Annual report of the Postmaster General. [Washington, D.C. : U.S. Postal Service, U.S. Postal Service, 475 L'Enfant Plaza West, S.W., Washington, D.C., 20260

v. : ill. ; 29 cm.

Began with 1971-72. Title from cover. Description based on: Fiscal year 1980. Report covers fiscal year 1982. ●Item 835 ISSN 0362-8450 Continues: United States. Post Office Dept. Annual report of the Postmaster General ISSN 0362-8450

1. United States Postal Service — Periodicals. 2. Postal service — United States — Periodicals. I. Title. HE6315 79-644203 //r81 353.0087/3 OCLC 02147733

**83-11987**

**P 1.2:In 7/4/982**

United States Postal Service.

The position of the postal inspector / United States Postal Service. — [Washington, D.C.?] : The Service, [1982]

7 p. ; 22 x 10 cm. — (Publication ; 199) Cover title. "September 1982." ●Item 837

1. Postal service — United States — Employees. I. Title. II. Series: Publication (United States Postal Service) ; 199. OCLC 09262312

## PERSONNEL MANAGEMENT OFFICE
## Washington, DC 20415

**83-11988**

**PM 1.2:H 34**

FEHB : federal employees health benefits program. — [Washington, D.C.?] : U.S. Office of Personnel Management, 1981.

20 p. ; 22 cm. — (FPM supplement ; 890-1) "January 1981." "2809-217." "Standards form 2809-A."

1. Insurance, Government employees' health — United States. I. United States. Office of Personnel Management. II. Title: Federal employees health bnenfits program. III. Series: Federal personnel manual system. FPM supplement ; 890-1. OCLC 09278503

**83-11989**

**PM 1.25:14**

Reemployment (restoration) rights of Federal employees who perform duty in the Armed Forces. — [Washington, D.C.?] : U.S. Office of Personnel Management : For sale by the Supt. of Docs., U.S. G.P.O., [1980]

1 folded sheet (9 p.) ; 22 x 10 cm. — (Fed facts ; 14) "May 1980"—P. 8. ●Item 293-A S/N 006-000-01178-1 @ GPO $1.75

1. Civil service — Veterans' preference — United States. I. United States. Office of Personnel Management. II. Series. OCLC 09318821

**83-11990**

**PM 1.25:23**

Severance pay. — [Washington, D.C.?] : U.S. Office of Personnel Management : For sale by the Supt. of Docs., U.S. G.P.O., [1981]

1 folded sheet (8 p.) ; 22 x 10 cm. — (Fed facts ; no. 23) "August 1981"—P. 7. ●Item 293-A S/N 006-000-01276-1 @ GPO $2.00

1. Civil service — Salaries. 2. Wages — Dismissal wage — United States. I. United States. Office of Personnel Management. II. Series. OCLC 09246687

**83-11991**

**PM 1.25:24**

Furlough. — Washington, D.C. : U.S. Office of Personnel Management : For sale by the Supt. of Docs., U.S. G.P.O., 1983.

8 p. ; 22 x 10 cm. — (Fed facts ; 24) Cover title. "October, 1982"—P. 7. ●Item 293-A S/N 006-000-01293-1 @ GPO $1.75

1. Civil service — United States. 2. United States — Officials and employees — Leave regulations. 3. Leave of absence — United States. I. United States. Office of Personnel Management. II. Series. OCLC 09262277

**83-11992**

**PM 1.30:981**

United States. Office of Personnel Management. Office of Standards Development.

Position classification standards : for positions under the general schedule classification system. — Cumulative reprint through TS-56. — Washington, D.C. : U.S. Office of Personnel Management, Office of Standards Development : [Supt. of Docs., U.S. G.P.O., distributor], 1982-

v. ; 24 cm. Cover title. "December 1981." Description based on pt. 4. ●Item 291 S/N 006-000-81027-6 @ GPO $230.00 (6 pts.)

1. Civil service positions — United States — Classification. 2. United States. — Officials and employees — Salaries, allowances, etc. I. Title. OCLC 09256880

**83-11993**

**PM 1.31:983**

United States. Office of Personnel Management.

Telephone directory / United States Office of Personnel Management. [Washington, D.C.] : The Office : [For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C 20402

v. : map ; 28 cm. (OPM doc. ; 100-02-1)

Annual

$4.75

Began with 1980. Title from cover. 1983. Description based on: Jan. 1982. ●Item 290-N S/N 006-000-01296-5

Main series: OPM doc. Continues: United States. Civil Service Commission. Telephone directory ISSN 0160-9874

1. United States. Office of Personnel Management — Directories — Telephone. I. Title. II. Series. OCLC 05917527

## PRESIDENT OF THE UNITED STATES

**83-11994**

**Pr 40.8:Et 3/L 62**

United States. President's Commisssion for the Study of Ethical Problems in Medicine and Biomedical and Behavioral Research.

Splicing life : a report on the social and ethical issues of genetic engineering with human beings. — Washington, D.C. : The Commission : For sale by the Supt. of Docs., U.S. G.P.O., [1982]

115 p. : ill. ; 23 cm. "November 1982." Includes bibliographical references, glossary, and index. ●Item 851-J S/N 040-000-00464-5 @ GPO $5.00

1. Genetic engineering. 2. Bioethics. I. Title. II. Title: Report on the social and ethical issues of genetic engineering with human beings. 83-600500 OCLC 09250311

**83-11995**

**Pr 40.8:M 59/M 59**

United States. Military Manpower Task Force.

Military Manpower Task Force : a report to the President on the status and prospects of the all-volunteer force. — Rev. ed. — [Washington, D.C.] : The Task Force : For sale by the Supt. of Docs., G.P.O., 1983.

1 v. (various pagings) : ill. ; 28 cm. "This edition has been updated to include final statistics for FY 1982 which were not available when the report was submitted to the President." "November 1982." ●Item 851-J S/N 040-000-00462-9 @ GPO $5.50

1. Military service, Voluntary — United States. I. Title. OCLC 09231698

**83-11996**

**Pr 40.11:981-82**

United States. President.

Annual report of the President of the United States on the trade agreements program. [Washington, D.C.?] : Executive Office of the President, U.S. Trade Representative : [Supt. of Docs., U.S. G.P.O., distributor, Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C., 20402

v. : ill. ; 28 cm.

Annual

$13.00

Began with 21st, 1976. 26th, 1981-82. Description based on: 25th (1980-1981) ●Item 848-E (microfiche) S/N 041-001-00268-5 ISSN 0190-3098 Continues: United States. President. Trade agreements program, annual report ISSN 0192-3013

1. United States — Commercial treaties — Periodicals. 2. Tariff — United States — Periodicals. I. Title. HF1731.A42 79-640295 //r82 343/.73/087 OCLC 04169918

## PRESIDENT'S COMMITTEE ON EMPLOYMENT OF THE HANDICAPPED
### Executive Office of the President
### Washington, DC 20210

**83-11997**

**PrEx 1.11:Ac 7**

President's Reorganization Project (U.S.)

Federal data processing reorganization study : acquisition team report. — [Washington, D.C.?] : The Project, [1978]

[67] p. ; 27 cm. "June 20, 1978." Includes bibliographical references. ●Item 850 (microfiche)

1. Electronic data processing — United States. I. Title. II. Title: Acquisition team report. OCLC 04611535

**83-11998**

**PrEx 1.11:H 88**

President's Reorganization Project (U.S.)

The federal data processing reorganization study : the report of the Human Resources Team. — [Washington, D.C.?] : President's Reorganization Project, [1978]

70, [140] p. : ill. ; 27 cm. Cover title. "September 1978." ●Item 850 (microfiche)

1. Federal government — United States — Automation — Management. 2. Federal government — United States — Management — Evaluation. I. Title. OCLC 09318539

**83-11999**

**PrEx 1.11:P 43**

President's Reorganization Project (U.S.)

Federal data processing reorganization study : personnel team report. — Washington, D.C. : The Project ; Springfield, Va. : National Technical Information Service [distributor, 1978]

iii, 105 p. : ill. ; 28 cm. "September 1, 1978." Includes bibliographical references. ●Item 850 (microfiche)

1. Electronic data processing — United States. I. Title. II. Title: Personnel team report. OCLC 04611624

**83-12000**

**PrEx 1.11:Sm 1**

President's Reorganization Project (U.S.)

Federal data processing reorganization study : small users team report. — [Washington, D.C.?] : The Project ; Springfield, Va. : National Technical Information Service [distributor, 1978]

[88] p. in various pagings ; 27 cm. "1 July 1978." ●Item 850 (microfiche)

1. Electronic data processing — United States. I. Title. II. Title: Small users team report. OCLC 04611853

**83-12001**

**PrEx 1.11:St 2**

President's Reorganization Project (U.S.)

Federal ADP reorganization project, standards study team final report. — Washington, D.C. : Executive Office of the President, Office of Management and Budget, [1978]

[69] p. in various pagings ; 28 cm. "June 12, 1978." Bibliography: p.B-1—B-2. ●Item 850 (microfiche)

1. Electronic data processing — United States. I. United States. Office of Management and Budget. II. Title. III. Title: Federal A.D.P. reorganization project standards study team final report. OCLC 04655862

## MANAGEMENT AND BUDGET OFFICE
### Executive Office of the President
### Washington, DC 20503

**83-12002**

**PrEx 2.3:82-2**

Stockman, David Alan, 1946-

Subject : excess and near excess foreign currencies. — Washington, D.C. : Executive Office of the President, Office of Management and Budget, [1981]

2 p. ; 28 cm. — (Bulletin ; 82-2) Caption title. At head of title: To the heads of executive departments and establishments. "October 9, 1981."

1. Money supply — United States. 2. Coinage, International. I. United States. Office of Management and Budget. II. Title. III. Title: Excess and near excess foreign currencies.

IV. Series: United States. Office of Management and Budget. Bulletin ; no. 82-2. OCLC 09266053

**83-12003**

**PrEx 2.8:984/themes**

United States. Office of Management and Budget.

Major themes and additional budget details. Washington, D.C. : Executive Office of the President, Office of Management and Budget : [For sale by the Supt. of Docs., U.S. G.P.O., distributor, Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 28 cm.

Annual

$7.50 Description based on: Fiscal year 1983. Report covers fiscal year 1984. ●Item 853 S/N 041-001-00267-7 ISSN 0733-2882

1. Budget — United States — Periodicals. I. Title. sc-82006869 OCLC 08188893

## CENTRAL INTELLIGENCE AGENCY
## Executive Office of the President
## Washington, DC 20505

**83-12004**

**PrEx 3.10/4:Z 1/2**

[United States. Central Intelligence Agency]

Zanzibar and Pemba. Scale [ca. 1:1,200,000] ; Mercator proj. (E 39°—E 40°/S 5°—S 6°). —— [Washington, D.C. : Central Intelligence Agency, 1977]

1 map : col. ; 22 x 17 cm. "502752 9-77 (542272)." ●Item 856-A-1

1. Zanzibar — Maps. 2. Pemba Island (Tanzania) — Maps. I. Title. OCLC 09248163

## FOREIGN BROADCAST INFORMATION SERVICE
## Washington, DC 20505

**83-12005**

**PrEx 7.15:(nos.)**

China report. Agriculture [microform] Arlington, Va. : Foreign Broadcast Information Service, [Joint Publications Research Service ; Springfield, Va. : National Technical Information Service, distributor], 1979- National Technical Information Service, Springfield, Va., 22161

v. ; 27 cm.

No. 46 (3 July 1979)- "JPRS." Previously classed as: PrEx 7.13: Nos. 164-170, 172-194, 197; JPRS 79016, 79082, 79137, 79171, 79251, 79287, 79324, 79405, 79436, 79501, 79528, 79575, 79630, 79642, 79691, 79741, 79760, 79818, 79840, 79878, 79900, 79955, 79990, 80042, 80071, 80130, 80199, 80270, 80289, 80342, 80504. Microfiche. Webster, N.Y. : Photographic Sciences Corp., 1979- microfiches ; 11 x 15 cm. ●Item 1067-L-14 (microfiche) Continues: People's Republic of China agriculture

1. Agriculture — China — Periodicals. 2. Agriculture — Economic aspects — China — Periodicals. 3. China — Periodicals. I. United States. Joint Publications Research Service. II. United States. Foreign Broadcast Information Service. OCLC 05760056

**83-12006**

**PrEx 7.15:(nos.)**

China report. Agriculture [microform] Arlington, Va. : Foreign Broadcast Information Service, [Joint Publications Research Service ; Springfield, Va. : National Technical Information Service, distributor], 1979- National Technical Information Service, Springfield, Va., 22161

v. ; 27 cm.

No. 46 (3 July 1979)- "JPRS." Previously classed as: PrEx 7.13: Nos. 198-219, 223-236; JPRS 80514, 80557, 80612, 80644, 80681, 80717, 80786, 80827, 80874, 80923, 80996, 81009, 81058, 81105, 81152, 81194, 81256, 81349, 81376, 81406, 81433, 81468, 81691, 81704, 81742, 81783, 81803, 81847, 81874, 81920,81949, 82010, 82044, 82092, 82164, 82193. Microfiche. Webster, N.Y. : Photographic Sciences Corp., 1979- microfiches ; 11 x 15 cm. ●Item 1067-L-14 (microfiche) Continues: People's Republic of China agriculture

1. Agriculture — China — Periodicals. 2. Agriculture — Economic aspects — China — Periodicals. 3. China — Periodicals. I. United States. Joint Publications Research Service. II. United States. Foreign Broadcast Information Service. OCLC 05760056

**83-12007**

**PrEx 7.15/2:(nos.)**

China report. Economic affairs [microform] Arlington, Va. : Foreign Broadcast Information Service, [Joint Publications Research Service ; Springfield, Va. : National Technical Information Service, distributor], 1979- National Technical Information Service, Springfield, Va., 22161

v. ; 27 cm.

No. 1 (9 July 1979)- "JPRS." Previously classed as: PrEx 7.13: Nos. 173-178, 181-200; JPRS 79032, 79056, 79100, 79154, 79226, 79262, 79430, 79460, 79521, 79535, 79546, 79556, 79586, 79608, 79653, 79690, 79720, 79742, 79762, 79807, 79826, 79842, 79902, 79916, 79935, 79980. Microfiche. Webster, N.Y. : Photographic Sciences Corp., 1979- microfiches ; 11 x 15 cm. ●Item 1067-L-12 (microfiche) Continues in part: Translations on People's Republic of China

1. China — Economic policy — Periodicals. I. United States. Joint Publications Research Service. II. United States. Foreign Broadcast Information Service. OCLC 05722779

**83-12008**

**PrEx 7.15/2:(nos.)**

China report. Economic affairs [microform] Arlington, Va. : Foreign Broadcast Information Service, [Joint Publications Research Service ; Springfield, Va. : National Technical Information Service, distributor], 1979- National Technical Information Service, Springfield, Va., 22161

v. ; 27 cm.

No. 1 (9 July 1979)- "JPRS." Previously classed as: PrEx 7.13: Nos. 201-212, 218-230; JPRS 79998, 80003, 80050, 80083, 80124, 80136, 80157, 80200, 80241, 80305, 80334, 80347, 80512, 80527, 80555, 80591, 80623, 80639, 80676, 80696, 80728, 80736, 80745, 80749, 80773. Microfiche. Webster, N.Y. : Photographic Sciences Corp., 1979- microfiches ; 11 x 15 cm. ●Item 1067-L-12 (microfiche) Continues in part: Translations on People's Republic of China

1. China — Economic policy — Periodicals. I. United States. Joint Publications Research Service. II. United States. Foreign Broadcast Information Service. OCLC 05722779

**83-12009**

**PrEx 7.15/2:(nos.)**

China report. Economic affairs [microform] Arlington, Va. : Foreign Broadcast Information Service, [Joint Publications Research Service ; Springfield, Va. : National Technical Information Service, distributor], 1979- National Technical Information Service, Springfield, Va., 22161

v. ; 27 cm.

No. 1 (9 July 1979)- "JPRS." Previously classed as: PrEx 7.13: Nos. 231-250; JPRS 80800, 80803, 80845, 80879, 80898, 80929, 80993, 81013, 81041, 81087, 81128, 81143, 81156, 81189, 81215, 81252, 81269, 81320, 81326, 81335. Microfiche.

Webster, N.Y. : Photographic Sciences Corp., 1979- microfiches ; 11 x 15 cm. ●Item 1067-L-12 (microfiche) Continues in part: Translations on People's Republic of China

1. China — Economic policy — Periodicals. I. United States. Joint Publications Research Service. II. United States. Foreign Broadcast Information Service. OCLC 05722779

**83-12010**

**PrEx 7.15/2:(nos.)**

China report. Economic affairs [microform] Arlington, Va. : Foreign Broadcast Information Service, [Joint Publications Research Service ; Springfield, Va. : National Technical Information Service, distributor], 1979- National Technical Information Service, Springfield, Va., 22161

v. ; 27 cm.

No. 1 (9 July 1979)- "JPRS." Previously classed as: Prex 7.13: Nos. 251-256, 261-268, 270-281; JPRS 81375, 81395, 81451, 81455, 81475, 81523, 81644, 81681, 81711, 81724, 81810, 81834, 81840, 81878, 81927, 81938, 81994, 82018, 82045, 82068, 82086, 82106, 82150, 82152, 82175, 82198. Microfiche. Webster, N.Y. : Photographic Sciences Corp., 1979- microfiches ; 11 x 15 cm. ●Item 1067-L-12 (microfiche) Continues in part: Translations on People's Republic of China

1. China — Economic policy — Periodicals. I. United States. Joint Publications Research Service. II. United States. Foreign Broadcast Information Service. OCLC 05722779

## STATE DEPARTMENT
## Washington, DC 20520

**83-12011**

**S 1.2:In 8/29/980**

United States. Dept. of State. Bureau of Intelligence and Research.

INR, intelligence and research in the Department of State. — Rev. Oct. 1980. — [Washington, D.C.?] : Bureau of Intelligence and Research, U.S. Dept. of State, 1980.

iii, 16 p. : ill. ; 21 cm. — (Department of State publication ; 9157) ●Item 876

1. United States. Dept. of State. Bureau of Intelligence and Research. I. Title. II. Title: I.N.R., intelligence and research in the Department of State. III. Series. OCLC 09276893

**83-12012**

**S 1.69:329**

Tips for travelers to the USSR / United States Department of State, Bureau of Consular Affairs. — [Washington, D.C.?] : The Bureau, 1982.

[8] p. ; 22 x 40 cm. folded to 22 x 10 cm. — (Department of State publication ; 9301. Department and Foreign Service series ; 329) ●Item 863

1. Soviet Union — Description and travel. I. United States. Bureau of Consular Affairs. II. Series: Department of State publication ; 9301. III. Series: Department of State publication. Department and Foreign Service series ; 329. OCLC 09276818

**83-12013**

**S 1.69:351**

A Guide to doing business with the Department of State. — [Washington, D.C.] : The Department, 1983.

1 v. (various pagings) ; 28 cm. Cover title. "Office of Small and Disadvantaged Business Utilization"—P. [2] of cover. "January 1983." ●Item 863

1. United States. Dept. of State. 2. Minority business enterprises — Government policy — United States. 3. Government purchasing — United States. I. United States. Dept. of State. Office of Small and Disadvantaged Business Utilization. II. Series: Department of State publication ; 9335. III. Series: Department of State publication. Department and Foreign Service series ; 351. OCLC 09313246

**83-12014**

**S 1.70:160**

United States. President.

United States participation in the UN : report by the President to the Congress for the year ... Washington, D.C. : Bureau of International Organization Affairs : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C., 20402

v. ; 24 cm. (Department of State publication ; 9340. International organization and conference series ; 160)

Annual

$7.50

Began with 1978. 1981. Description based on: 1979. ●Item 882-B S/N 044-000-01945-1 Main series: Department of State publication. International organization and conference series Continues: United States. President. U.S. participation in the UN

1. United Nations — United States — Periodicals. I. United States. Dept. of State. Bureau of International Organization Affairs. II. Title. III. Series: Department of State publication ; 9340. IV. Series: Department of State publication. International organization and conference series ; 160. OCLC 06621674

**83-12015**

**S 1.71/4:421**

Clark, William Patrick, 1931-

Personal liberties and national security : August 6, 1982. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division, [1982]

3 p. ; 28 cm. — (Current policy ; no. 421) Caption title. "October 1982"—P. 3. ●Item 877-C

1. United States — Foreign relations — Addresses, essays, lectures. 2. Civil rights — Addresses, essays, lectures. 3. Security, International — Addresses, essays, lectures. I. United States. Dept. of State. Office of Public Communication. Editorial Division. II. Title. III. Series: United States. Dept. of State. Bureau of Public Affairs. Current policy ; no. 421. OCLC 09250455

**83-12016**

**S 1.71/4:441**

Kirkpatrick, Jeane J.

Call for Soviet withdrawal from Afghanistan : November 24, 1982. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division, [1982]

3, [1] p. ; 28 cm. — (Current policy ; no. 441) Caption title. "December 1982"—P. [4] ●Item 877-C

1. Soviet Union — Foreign relations — Afghanistan — Addresses, essays, lectures. 2. Afghanistan — Foreign relations — Soviet Union — Addresses, essays, lectures. I. United States. Dept. of State. Office of Public Communication. Editorial Division. II. Title. III. Series: United States. Dept. of State. Bureau of Public Affairs. Current policy ; no. 441. OCLC 09274710

**83-12017**

**S 1.71/4:442**

Middendorf, John William, 1924-

Programs underway for the Caribbean basin initiative : November 8, 1982. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division, [1982]

5 p. ; 28 cm. — (Current policy ; no. 442) Caption title. "December 1982"—P. 5. ●Item 877-C

1. United States — Foreign relations — Caribbean area — Addresses, essays, lectures. 2. Caribbean area — Foreign relations — United States — Addresses, essays, lectures. 3. Economic assistance, American — Caribbean area — Addresses, essays, lectures. I. United States. Dept. of State. Office of Public Communication. Editorial Division. II. Title. III. Series: United States. Dept. of State. Bureau of Public Affairs. Current policy ; no. 442. OCLC 09250573

**83-12018**

**S 1.71/4:444**

Holdridge, John H., 1924-

Assessment of U.S. relations with China : December 13, 1982. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division, [1983]

3 p. ; 28 cm. — (Current policy ; no. 444) Caption title. "January 1983"—P. 3. ●Item 877-C

1. United States — Foreign relations — China — Addresses, essays, lectures. 2. China — Foreign relations — United States — Addresses, essays, lectures. I. United States. Dept. of State. Office of Public Communication. Editorial Division. II. Title. III. Title: Assessment of US relations with China. IV. Series: United States. Dept. of State. Bureau of Public Affairs. Current policy ; no. 444. OCLC 09274783

**83-12019**

**S 1.123:C 73/982**

Background notes, Comoros. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division : For sale by the Supt. of Docs., U.S. G.P.O., [1982]

4 p. : 2 maps ; 28 cm. — (Department of State publication ; 8963. Background notes series) Caption title. "December 1982." Bibliography: p. 4. ●Item 862-B S/N 044-000-92728-4 @ GPO $2.00

1. Comoros. I. United States. Dept. of State. Bureau of Public Affairs. Editorial Division. II. Series: Department of State publication ; 8963. III. Series: Department of State publication. Background notes series. OCLC 09290009

**83-12020**

**S 1.123:Ur 8/982**

Background notes, Uruguay. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division : For sale by the Supt. of Docs., U.S. G.P.O., [1982]

4 p. : 2 maps ; 28 cm. — (Department of State publication ; 7857. Background notes series) Caption title. "December 1982." Bibliography: p. 4. ●Item 862-B S/N 044-000-92731-4 @ GPO $2.00

1. Uruguay. I. United States. Dept. of State. Bureau of Public Affairs. Editorial Division. II. Series: Department of State publication ; 7857. III. Series: Department of State publication. Background notes series. OCLC 09290029

**83-12021**

**S 1.127:Eg 9/982**

Egypt, post report. — Rev. Dec. 1982. — Washington, D.C. : U.S. Dept. of State : For sale by the Supt. of Docs., U.S. G.P.O., 1983.

24 p. : ill., 2 maps ; 28 cm. — (Department of State publication ; 9307. Department and Foreign Service series ; 335) Cover title. "Foreign Affairs Information Management Center, Publishing Services Division"—P. [2] of cover. "December 1982." Bibliography: p. 22-23. ●Item 869-C (microfiche) S/N 044-000-01940-0 @ GPO $3.50

1. Egypt. 2. United States — Diplomatic and consular service — Egypt. I. Foreign Affairs Information Management Center (U.S.). Publishing Services Division. II. Series: Department of State publication ; 9307. III. Series: Department of State publication. Department and Foreign Service series ; 335. OCLC 09271065

**83-12022**

**S 1.127:Ur 8/979**

Uruguay, post report. — Washington, D.C. : U.S. Dept. of State, [1979]

28 p. : ill., 1 map ; 27 cm. Cover title. "October 1979." Bibliography: p. 27. ●Item 869-C (microfiche)

1. Uruguay. 2. United States — Diplomatic and consular service — Uruguay. I. United States. Dept. of State. OCLC 09319421

**83-12023**

**S 1.128:Af 8/4**

The Horn of Africa : US policy. — [Washington, D.C.?] : Bureau of Public Affairs, Dept. of State, [1983]

[2] p. ; 28 cm. — (Gist) Caption title. "January 1983." ●Item 864-B-4

1. United States — Foreign relations — Africa, North. 2. Africa, North — Foreign relations — United States. I. United States. Dept. of State. Bureau of Public Affairs. II. Series. OCLC 09320820

**83-12024**

**S 1.128:Se 1**

Law of the sea. — [Washington, D.C.?] : Bureau of Public Affairs, Dept. of State, [1982]

[2] p. ; 28 cm. — (Gist) "November 1982." ●Item 864-B-4

1. Maritime law. 2. Maritime law — United States. I. United States. Dept. of State. Bureau of Public Affairs. II. Series. OCLC 09250639

**83-12025**

**S 1.129:98**

United States. Dept. of State.

Chemical warfare in Southeast Asia and Afghanistan : report to the Congress / from Secretary of State Alexander M. Haig, Jr., March 22, 1982. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division : For sale by the Supt. of Docs., U.S. G.P.O., 1982.

31, [1] p. : ill., maps ; 28 cm. — (Special report ; no. 98) "March 1982"—P. [32] ●Item 864-B-1 S/N 044-000-01891-8 @ GPO $2.50

1. Chemical warfare. I. Haig, Alexander Meigs, 1924- II. United States. Dept. of State. Bureau of Public Affairs. Editorial Division. III. Title. IV. Series: Special report (United States. Dept. of State. Bureau of Public Affairs) ; no. 98. OCLC 08309215

**83-12026**

**S 1.129:99**

International security and economic cooperation program FY 1983. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, [1982]

19 p. : ill. ; 28 cm. — (Special report ; no. 99) Caption title. "March 1982." ●Item 864-B-1

1. Security, International. 2. Arms control. 3. Disarmament. 4. Economic assistance, American. I. United States. Dept. of State. Bureau of Public Affairs. II. Series: Special report (United States. Dept. of State. Bureau of Public Affairs) ; no. 99. OCLC 09293959

83-12027

S 1.129:104

United States. Dept. of State.

Chemical warfare in Southeast Asia and Afghanistan : an update / report from Secretary of State George P. Shultz. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division : [Supt. of Docs., U.S. G.P.O., distributor], 1982.

11, [1] p. ; 28 cm. — (Special report ; no. 104) "November 1982." ●Item 864-B-1 S/N 044-000-01891-8 @ GPO $2.50

1. Chemical warfare. I. Schultz, George Pratt, 1920- II. United States. Dept. of State. Bureau of Public Affairs. Editorial Division. III. Title. IV. Series: Special report (United States. Dept. of State. Bureau of Public Affairs) ; no. 104. OCLC 09064130

83-12028

S 1.129:106

Van Hollen, Eliza.

Afghanistan, three years of occupation : December 1982. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division, [1982]

11, [1] p. : 2 maps ; 28 cm. — (Special report ; no. 106) Caption title. "December 1982"—P. [12] ●Item 864-B-1

1. Afghanistan — Occupations — Addresses, essays, lectures. I. United States. Dept. of State. Office of Public Communication. Editorial Division. II. Title. III. Series: Special report (United States. Dept of State. Bureau of Public Affairs) ; no. 106. OCLC 09250507

83-12029

S 9.10:10067

Saint Christopher and Nevis.

[Treaties, etc. United States, 1980 May 15] Peace Corps : agreement between the United States of America and St. Kitts/Nevis effected by exchange of letters signed at Bridgetown and Basseterre, May 15, 1980 and January 13, 1981. — [Washington, D.C.?] : Dept. of State : For sale by the Supt. of Docs., U.S. G.P.O., 1982.

4 p. ; 24 cm. — (Treaties and other international acts series ; 10067) ●Item 899 S/N 044-000-93176-1 @ GPO $1.75

1. Peace Corps (U.S.) 2. Technical assistance, American — Saint Christopher and Nevis. I. United States. Dept. of State. II. United States. Treaties, etc. Saint Christopher and Nevis, 1980 May 15. III. Title. IV. Series. OCLC 09271146

83-12030

S 9.12:31/pt.4

United States.

[Treaties, etc.] United States treaties and other international agreements. Washington, D.C. : Dept. of State : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 26 cm.

Annual

$23.00

Publication began with 1950. Vol. 31, pt. 4, 1979. Description based on: Vol. 29, pt. 2 (1976-77) Prior to the publication of this compilation, treaties and other international agreements were printed in the United States statutes at large. ●Item 899-A S/N 044-000-01912-4

1. United States — Foreign relations — Treaties — Periodicals. 2. Treaties — Periodicals. I. United States. Dept. of State. II. Title. 53-060242 OCLC 01307767

83-12031

S 9.12:31/pt.5

United States.

[Treaties, etc.] United States treaties and other international agreements. Washington, D.C. : Dept. of State : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 26 cm.

Annual

$19.00

Publication began with 1950. Vol. 31, pt. 5, 1979. Description based on: Vol. 29, pt. 2 (1976-77) Prior to the publication of this compilation, treaties and other international agreements were printed in the United States statutes at large. ●Item 899-A S/N 044-000-01918-3

1. United States — Foreign relations — Treaties — Periodicals. 2. Treaties — Periodicals. I. United States. Dept. of State. II. Title. OCLC 01307767

## INTERNATIONAL DEVELOPMENT AGENCY
### State Dept.
### Washington, DC 20523

83-12032

S 18.51:B 63/2

Zuvekas, Clarence.

Rural income distribution in Bolivia : a summary and evaluation of quantitative and qualitative information / Clarence Zuvekas, Jr. — Rev. — [Washington, D.C.?] : Sector Analysis Internalization Group, Foreign Development Division, Economic Research Service, U.S. Dept. of Agriculture, [1977]

81 p. : ill., 1 map ; 28 cm. — (General working document ; 2) "July 1977." Bibliography: p. [74]-81. "This study constitutes report no. 4 under contract no. 12-17-07-5-1651, June 24, 1976 (ERS-192-B-76)"

1. Income distribution — Bolivia. I. United States. Dept. of Agriculture. Economic Research Service. Foreign Development Division. Sector Analysis Internalization Group. II. Title. III. Title: Income distribution in Bolivia. IV. Series: Working document series Bolivia. General working document ; 2. HC185.I5Z88 1977 77-604160 //r79 339.2/0984 OCLC 03658678

83-12033

S 18.51:C 71

Thirsk, Wayne R.

A selective annotated bibliography of rural poverty in Colombia / Wayne R. Thirsk. — [Washington?] : Rural Development Division, Bureau for Latin America and the Caribbean, Agency for International Development, [1977]

11 p. ; 28 cm. — (General working document ; 1) "University of Waterloo." "August 1977."

1. Colombia — Economic conditions — Bibliography. 2. Colombia — Rural conditions — Bibliography. 3. Colombia — Bibliography. I. United States. Agency for International Development. Bureau for Latin America and the Caribbean. Rural Development Division. II. Title. III. Title: Rural poverty in Colombia. IV. Title: Poverty in Colombia. V. Series: Working document series Colombia. General working document ; 1. OCLC 06244588

83-12034

S 18.51:Ec 9

Luzuriaga C., Carlos.

An annotated bibliography of income, income distribution, and levels of living in rural Ecuador / Carlos Luzuriaga C. and Clarence Zuvekas, Jr. ; prepared for Rural Development Division, Bureau for Latin America and the Caribbean,

Agency for International Development. — [Washington?] : The Development, [1979]

x, 97 p. ; 28 cm. — (General working document ; 1) "December 1979." Includes indexes.

1. Income distribution — Ecuador — Bibliography. 2. Ecuador — Economic conditions — Bibliography. 3. Ecuador — Rural conditions — Bibliography. I. Zuvekas, Clarence. II. United States. Agency for International Development. Bureau for Latin America and the Caribbean. Rural Development Division. III. Title. IV. Title: Income, income distribution, and levels of living in rural Ecuador. V. Series: General working document, Ecuador ; 1. OCLC 06720224

**83-12035**

**S 18.51:Ec 9/2**

Luzuriaga C., Carlos.

Income distribution and poverty in rural Ecuador : a survey of the literature, 1950-1979 / Carlos Luzuriaga C. and Clarence Zuvekas, Jr. ; prepared for Rural Development Division, Bureau for Latin America and the Caribbean, Agency for International Development. — [Washington, D.C.?] : The Development, [1980]

xviii, 353 p. : ill. ; 28 cm. — (General working document ; 2) "June 1980." Bibliography: p. [341]-353.

1. Income distribution — Ecuador. 2. Poor — Ecuador. I. Zuvekas, Clarence. II. United States. Agency for International Development. Bureau for Latin America and the Caribbean. Rural Development Division. III. Title. IV. Title: Poverty in rural Ecuador. V. Series: General working document, Ecuador ; 2. HC204.5.I5L89 81-186191 339.2/09866 ¢2 19 OCLC 08667105

**83-12036**

**S 18.51:P 21/2**

Oberbeck, Charles D.

Characteristics of income distribution in eastern Paraguay / prepared for U.S. Agency for International Development, Bureau for Latin America and the Caribbean ; by Charles D. Oberbeck. — [Washington, D.C.?] : Rural Development Division, Bureau for Latin America and the Caribbean, Agency for International Development, [1979]

iii, 107 p. ; 28 cm. — (General working document ; 2) "September 1979." Bibliography: p. 106-107. "Contract no. 53-319R-9-90."

1. Income distribution — Paraguay. 2. Paraguay — Economic conditions. 3. Paraguay — Social conditions. I. United States. Agency for International Development. Bureau for Latin America and the Caribbean. Rural Development Division. II. Title. III. Title: Income distribution in eastern Paraguay. IV. Series: General working document, Paraguay ; 2. OCLC 06720145

**83-12037**

**S 18.52:3**

Dworkin, Daniel M.

The potable water project of rural Thailand / by Daniel M. Dworkin and Barbara L.K. Pillsbury with the assistance of Thira Thatsanatheb and Surindr Satchakul. — [Washington, D.C.?] : U.S. Agency for International Development, [1980]

1 v. (various pagings) : ill., maps, forms ; 28 cm. — (Project impact evaluation ; no. 3) "Bureau for Program and Policy Coordination." "Bureau for Asia." "USAID/Thailand, Office of Health, Population, and Nutrition." "May 1980." ●Item 900-C-10 (microfiche)

I. Pillsbury, Barbara L. K. II. Thatsanatheb, Thira. III. Satchakul, Surindr. IV. United States. Agency for International Development. Bureau for Program and Policy Coordination. V. United States. Agency for International Development. Bureau for Asia. VI. USAID/Thailand. Office of Health, Population, and Nutrition. VII. Title. VIII. Series. OCLC 08017126

**83-12038**

**S 18.52:8**

Morocco, food aid and nutrition education / by Judith W. Gilmore ... [et al.]. — [Washington, D.C.?] : Agency for International Development, [1980]

1 v. (various pagings) : ill., 1 map ; 28 cm. — (Project impact evaluation ; no. 8) "Bureau for Private and Development Cooperation." "Bureau for Near East." "Bureau for Development Support." "August 1980." Bibliography: p. E-1 - E-3. ●Item 900-C-10 (microfiche)

1. Education — Morocco. 2. Food relief, American — Morocco. I. Gilmore, Judith W. II. United States. Agency for International Development. Bureau for Private and Development Cooperation. III. United States. Agency for International Development. Bureau for the Near East. IV. United States. Agency for International Development. Bureau for Development Support. V. Series. OCLC 08017553

**83-12039**

**S 18.52:13**

Rural roads in Thailand / by Frank J. Moore ... [et al.]. — [Washington, D.C.?] : Agency for International Development, [1980]

1 v. (various pagings) : ill., 2 maps ; 28 cm. — (Project impact evaluation ; no. 13) "Bureau for Africa." "Development Support Bureau." "December 1980" "PN-AAH-970." Bibliography: p. E-1—E-2. ●Item 900-C-10 (microfiche)

1. Roads — Economic aspects — Thailand. 2. Roads — Environmental aspects — Thailand. I. Moore, Frank J. (Frank John), 1922- II. United States. Agency for International Development. Bureau for Africa. III. United States. Agency for International Development. Development Support Bureau. IV. Series. OCLC 07864055

**83-12040**

**S 18.52:27**

Korean agricultural research : the integration of research and extension / by David I. Steinberg ... [et al.]. — [Washington, D.C.?] : U.S. Agency for International Development, [1982]

1 v. (various pagings) : ill., 1 map ; 28 cm. — (Project impact evaluation ; no. 27) "Bureau for Program and Policy Coordination." "Bureau for Development Support." "January 1982." Bibliography: p. [K-1] - K-3. "PN-AAJ-606"—Cover. ●Item 900-C-10 (microfiche)

1. Agricultural research — Korea (South) I. Steinberg, David I. II. United States. Agency for International Development. Bureau for Program and Policy Coordination. III. United States. Agency for International Development. Bureau for Development Support. IV. Series. OCLC 08214552

**83-12041**

**S 18.52:30**

McDermott, J. K. (James Kenneth), 1922-

Guatemala, development of the Institute of Agricultural Science and Technology (ICTA) and its impact on agricultural research and farm productivity / by J.K. McDermott, David Bathrick. — [Washington, D.C.?] : U.S. Agency for International Development, [1982]

1 v. (various pagings) : ill., 1 map ; 28 cm. — (Project impact evaluation ; no. 30) "Development Support Bureau." "Bureau for Program and Policy Coordination." "February 1982." "PN-AAJ-178"—Cover. ●Item 900-C-10 (microfiche)

1. Agricultural research — Guatemala. I. Bathrick, David D. II. United States. Agency for International Development. Development Support Bureau. III. United States. Agency

for International Development. Bureau for Program and Policy Coordination. IV. Title. V. Series. OCLC 08343187

**83-12042**

**S 18.52:34**

Agricultural research in northeastern Thailand / by Michael M. Calavan ... [et al.]. — [Washington, D.C.?] : U.S. Agency for International Development, [1982]

1 v. (various pagings) : ill., 1 map ; 28 cm. — (Project impact evaluation ; no. 34) "Development Studies Program." "May 1982." Includes bibliographical references. ●Item 900-C-10 (microfiche)

1. Agricultural research — Thailand. I. Calavan, Michael M. II. Development Studies Program (U.S.) III. Series. OCLC 08700425

**83-12043**

**S 18.52/2:2**

Tendler, Judith.

New directions rural roads / by Judith Tendler. — [Washington, D.C.?] : Studies Division, Office of Evaluation, Bureau for Program and Policy Coordination, U.S. Agency for International Development, [1979]

x, 67 p. ; 28 cm. — (A.I.D. program evaluation discussion paper ; no. 2) "March 1979." Bibliography: p. 60-67. ●Item 900-C-11 (microfiche)

1. Road construction. 2. Underdeveloped areas — Roads. 3. Rural development. I. United States. Agency for International Development. Office of Evaluation. Studies Division. II. Title. III. Series. OCLC 08005465

**83-12044**

**S 18.52/2:11**

Barnett, Stanley A.

Effective institution building : a guide for project designers and project managers based on lessons learned from the AID portfolio / by Barnett & Engel ; Stanley A. Barnett, Nat Engel. — [Washington, D.C.?] : Office of Evaluation, Bureau for Program and Policy Coordination, U.S. Agency for International Development, [1982]

1 v. (various pagings) : ill. ; 28 cm. — (A.I.D. program evaluation discussion paper ; no. 11) "March 1982." Bibliography: p. A-21 - A-23. "PN-AAJ-611"—Cover. ●Item 900-C-10 (microfiche)

1. Institution building. I. Engel, Nat. II. Barnett & Engel. III. United States. Agency for International Development. Office of Evaluation. IV. Title. V. Series. OCLC 08737463

**83-12045**

**S 18.55:C 73**

Chaney, Elsa M.

Creating a "women's component" : a case study in rural Jamaica / Elsa M. Chaney, Martha W. Lewis. — Washington, D.C. : Distributed by Office of Women in Development, Agency for International Development, International Development Cooperation Agency, [1981]

32, 2, [2] p. ; 28 cm. — (Women in development) "Prepared for the Office of Women in Development, United States Agency of International Development, AID/OTR-147-80-94." "March 1981." "December 1980"—Cover. Bibliography: p. 32. ●Item 900-C-16 (microfiche)

1. Women in agriculture — Jamaica. 2. Women in rural development — Jamaica. I. Lewis, Martha Wells. II. United States. Agency for International Development. Office of Women in Development. III. Title. IV. Series. OCLC 09306122

**83-12046**

**S 18.55:En 2**

Tinker, Irene.

Women and energy : program implications / by Irene Tinker ; prepared for the Office of Women in Development of the Agency for International Development under contract number AID/otr-C 1808. — Washington, D.C. : The Office : Distributed by Office of Women in Development, Agency for International Development, [1980]

12 p. ; 28 cm. — (Women in Development) "June 1980." Includes bibliographical references. ●Item 900-C-16 (microfiche)

1. Energy consumption. 2. Energy conservation. 3. Women. I. United States. Agency for International Development. Office of Women in Development. II. Title. III. Series. OCLC 08895051

**83-12047**

**S 18.55:F 73/v.1-2**

International Conference on Women and Food (1978 : University of Arizona)

A conference on the role of women in meeting basic food and water needs in developing countries : focusing on the United Nations World Food Conference resolution on women and food / proceedings editor Ann Bunzel Cowan. — [Washington, D.C.?] : Consortium for International Development : Distributed by Office of Women in Development, Agency for International Development, International Cooperation Agency, 1978.

2 v. : ill. ; 28 cm. — (V. 2: Women in development) "Supported by a grant from the Agency for International Development." "Sponsor Consortium for International Development." Includes bibliographical references. ●Item 900-C-16 (microfiche)

1. Underdeveloped areas — Food consumption — Congresses. 2. Underdeveloped areas — Food supply — Congresses. 3. Underdeveloped areas — Water resources development — Congresses. 4. Underdeveloped areas — Water-supply — Congresses. 5. Women in rural development — Congresses. I. Cowan, Ann Bunzel. II. Consortium for International Development. III. United States. Agency for International Development. Office of Women in Development. IV. United States. International Development Cooperation Agency. V. Title. VI. Series: Women in development. OCLC 05246567

**83-12048**

**S 18.55:F 76**

Hoskins, Marilyn W.

Women in forestry for local community development : a programming guide / by Marilyn W. Hoskins [for Office of Women in Development, Agency for International Development]. — Washington, D.C. : The Office, [1979]

58 p. ; 28 cm. "September 1979." Bibliography: p. 56-58. "Grant No. AID/otr-147-79-83." ●Item 900-C-16 (microfiche)

1. Women in community development. 2. Community forests. I. United States. Agency for International Development. Office of Women in Development. II. Title. OCLC 07039135

**83-12049**

**S 18.55:H 34**

Blair, Patricia.

Programming for women and health / by Patricia Blair ; prepared for the Office of Women in Development of the U.S. Agency for International Development under contract no. AID/OTR-C-1808. — Washington, D.C. : The Office, [1980]

44, [8] p. ; 28 cm. "Equity Policy Center." "July 1980." Bibliography: p. [45] - [50]. ●Item 900-C-16 (microfiche)

1. Women's health services. 2. Women — Health and hygiene. I. United States. Agency for International Development. Office of Women in Development. II. Equity Policy Center (U.S.) III. Title. OCLC 09294014

**83-12050**

**S 18.55:Im 1**

McCaffrey, Kathleen M.

Images of women in the literatures of selected developing countries (Ghana, Senegal, Haiti, Jamaica) / Kathleen M. McCaffrey. — Washington, D.C. : Office of Women in Development, Agency for International Development, [1981?]

229 p. ; 28 cm. "Pacific Consultants contract afr-C-1197, work order 36." Includes bibliographies. ●Item 900-C-16 (microfiche)

1. Underdeveloped areas — Literatures — History and criticism. 2. Women in literature. I. United States. Agency for International Development. Office of Women in Development. II. Pacific Consultants. III. Title. OCLC 09306869

**83-12051**

**S 18.55:In 2**

Hoskins, Marilyn W.

Income generating activities with women's participation : a re-examination of goals and issues / Marilyn W. Hoskins. — [Washington, D.C.?] : Agency for International Development, [1980]

i, 45 leaves ; 28 cm. "December 1980." Bibliography: leaf 42. "WID/AID." Grant no. AID/otr/147-80-76. ●Item 900-C-16 (microfiche)

1. Underdeveloped areas — Women's employment. 2. Women in rural development. I. United States. Agency for International Development. II. Title. OCLC 09285014

**83-12052**

**S 18.55:J 57**

Dixon, Ruth B.

Jobs for women in rural industry and services / Ruth B. Dixon. — Washington, D.C. : Office of Women in Development, Agency for International Development : Distributed by Office of Women in Development, Agency for International Development, International Development Cooperation Agency, [1979]

54 p. ; 28 cm. — (Women in development.) "Prepared for the Office of Women in Development of the U.S. Agency for International Development, in conjunction with the Conference on Agrarian Reform and Rural Development of the Food and Agricultural Organization of the United Nations, Rome, July, 1979." "September 1979." Bibliography: p. 46-54. "AID/otr/147-79-52." ●Item 900-C-16 (microfiche)

1. Underdeveloped areas — Women's employment. 2. Rural women — Employment. 3. Women — Employment. I. United States. Agency for International Development. Office of Women in Development. II. United States. International Development Cooperation Agency. III. World Conference on Agrarian Reform and Rural Development FAO (1979 : Rome, Italy) IV. Title. V. Series. OCLC 07038987

**83-12053**

**S 18.55:Oc 1**

Bringing women in : towards a new direction in occupational skills training for women / International Center for Research on Women ; prepared for the Office of Women in Development, Bureau of Programs and Policy Coordination, Agency for International Development under contract number OTR-C-1801. — [Washington, D.C.?] : The Agency, [1980]

[32] p. ; 28 cm. Cover title. "May 1980." Bibliography: p. [29] - [32]. ●Item 900-C-16 (microfiche)

1. Occupational training for women. 2. Underdeveloped areas — Women's employment. I. International Center for Research on Women. II. United States. Agency for International Development. Office of Women in Development. OCLC 09271027

**83-12054**

**S 18.55:Or 3**

Hoskins, Marilyn W.

Various perspectives on using women's organizations in development programming / by Marilyn W. Hoskins. — Washington, D.C. : Distributed by Office of Women in Development, Agency for International Development, [1980]

1 v. (various pagings) ; 28 cm. — (Women in development) At head of cover title: Women in development. "July 1980." Bibliography: p. [B-1] - B-4. Grant no.: AID/otr-147-80-45. ●Item 900-C-16 (microfiche)

1. Women in community development. I. United States. Agency for International Development. Office of Women in Development. II. Title. III. Series. OCLC 08920469

**83-12055**

**S 18.55:T 22**

Tinker, Irene.

New technologies for food chain activities : the imperative of equity for women / by Irene Tinker. — Washington, D.C. : Agency for International Development : Distributed by Office of Women in Development, Agency for International Development, 1979.

i, 43 p. ; 28 cm. "AID/otr-147-79-14." Includes bibliographical references. ●Item 900-C-16 (microfiche)

1. Women in agriculturual. 2. Rural women. 3. Underdeveloped areas — Agriculture. 4. Underdeveloped areas — Women's employment. I. United States. Agency for International Development. Office of Women in Development. II. Title. OCLC 07045566

**83-12056**

**S 18.56:C 82**

Latin America, Costa Rica : selected statistical data by sex. — Washington, D.C. : Office of Development Information and Utilization, U.S. Agency for International Development, [1981]

vi, 31, 7 p. ; 28 x 22 cm. Cover title. Stamped on cover: Jul 1981. Includes bibliographical references. ●Item 900-C-18 (microfiche)

1. Costa Rica — Population — Statistics. I. United States. Agency for International Development. Office of Development Information and Utilization. II. Title: Selected statistical data by sex. OCLC 09271310

**83-12057**

**S 18.56:D 71**

Latin America, Dominican Republic : selected statistical data by sex. — Washington, D.C. : Office of Development Information and Utilization, U.S. Agency for International Development, [1981]

vi, 31, 7 p. ; 28 x 22 cm. Cover title. Stamped on cover: Jul 1981. Includes bibliographical references. ●Item 900-C-18 (microfiche)

1. Dominican Republic — Population — Statistics. I. United States. Agency for International Development. Office of Development Information and Utilization. II. Title: Selected statistical data by sex. OCLC 09290056

83-12058

S 18.56:H 75

Latin America, Honduras : selected statistical data by sex. — Washington, D.C. : Office of Development Information and Utilization, U.S. Agency for International Development, [1981]

vi, 31, 7 p. ; 28 x 22 cm. Cover title. Stamped on cover: Jul 1981. Includes bibliographical references. ●Item 900-C-18 (microfiche)

1. Honduras — Population — Statistics. I. United States. Agency for International Development. Office of Development Information and Utilization. II. Title: Selected statistical data by sex. OCLC 09290184

83-12059

S 18.56:J 22

Latin America, Jamaica : selected statistical data by sex. — Washington, D.C. : Office of Development Information and Utilization, U.S. Agency for International Development, [1981]

vi, 32, 7 p. ; 28 x 22 cm. Cover title. Stamped on cover: Jul 1981. Includes bibliographical references. ●Item 900-C-18 (microfiche)

1. Jamaica — Population — Statistics. I. United States. Agency for International Development. Office of Development Information and Utilization. II. Title: Selected statistical data by sex. OCLC 09257353

83-12060

S 18.56:N 51

Latin America, Nicaragua : selected statistical data by sex. — Washington, D.C. : Office of Development Information and Utilization, U.S. Agency for International Development, [1981]

vi, 31, 7 p. ; 28 x 22 cm. Cover title. Stamped on cover: Jul 1981. Includes bibliographical references. ●Item 900-C-18 (microfiche)

1. Nicaragua — Population — Statistics. I. United States. Agency for International Development. Office of Development Information and Utilization. II. Title: Selected statistical data by sex. OCLC 09257387

83-12061

S 18.56:P 19

Latin America, Panama : selected statistical data by sex. — Washington, D.C. : Office of Development Information and Utilization, U.S. Agency for International Development, [1981]

vi, 31, 17 p. ; 22 x 28 cm. Cover title. Stamped on cover: Jul 1981. Includes bibliographical references. ●Item 900-C-18 (microfiche)

1. Panama — Population — Statistics. I. United States. Agency for International Development. Office of Development Information and Utilization. II. Title: Selected statistical data by sex. OCLC 09246209

83-12062

S 18.56:P 21

Latin America, Paraguay : selected statistical data by sex. — Washington, D.C. : Office of Development Information and Utilization, U.S. Agency for International Development, [1981]

vi, 31, 7 p. ; 28 x 22 cm. Cover title. Stamped on cover: Jul 1981. Includes bibliographical references. ●Item 900-C-18 (microfiche)

1. Paraguay — Population — Statistics. I. United States. Agency for International Development. Office of Development Information and Utilization. II. Title: Selected statistical data by sex. OCLC 09257569

## SMALL BUSINESS ADMINISTRATION
## Washington, DC 20416

83-12063

SBA 1.2:L 54/2

Participants in SBA's lender certification program. — Rev. Jan. 1982 — [Washington, D.C. : Small Business Administration?], 1982.

[15] p. ; 21 cm. Caption title. At head of title: SBA. "OPC 4"—P. [15] ●Item 901-B

1. Loans — United States — Government guaranty. 2. Small business — United States. I. United States. Small Business Administration. OCLC 09250218

83-12064

SBA 1.3:87/3

Droms, William G., 1944-

Financial management. — Rev. Jan. 1979 [i.e. Apr. 1982] — [Washington, D.C.?] : U.S. Small Business Administration, Management Assistance, Support Services Section, 1982.

5 p. ; 28 cm. — (Small business bibliography ; no. 87) ●Item 901-K

1. Small business — United States — Finance — Bibliography. I. United States. Small Business Administration. Management Assistance Division. Support Services Section. II. Title. III. Series: Small business bibliography (Washington, D.C.) ; no. 87. OCLC 09244115

83-12065

SBA 1.10:203

Konopa, Leonard Jesse, 1923-

Are your products and channels producing sales / by Leonard J. Konopa. — Repr. Aug. 1980. — [Washington, D.C.?] : U.S. Small Business Administration, 1980.

7 p. ; 28 cm. — (Management aids for small manufacturers ; no. 203) ●Item 901-E

1. Selling. 2. Sales promotion. I. United States. Small Business Administration. II. Title. III. Series: Management aids (United States. Small Business Administration) ; no. 203. OCLC 09244241

83-12066

SBA 1.10:217

Commins, James A.

Reducing air pollution in industry / by James A. Commins, Alfred Stapler. — Washington, D.C. : Small Business Administration, 1979.

7 p. ; 26 cm. — (Management aids ; no. 217) Includes bibliographical references. ●Item 901-E

1. Air quality management — United States. 2. Factory and trade waste — United States. I. Stapler, Alfred. II. United States. Small Business Administration. III. Title. IV. Series: Management aids (United States. Small Business Administration) ; no. 217. OCLC 09314489

83-12067

SBA 1.10:249

Lerman, Paul, 1926-

Should you lease or buy equipment? / by Paul Lerman. — [Washington, D.C.?] : U.S. Small Business Administration, 1980.

7 p. : 1 port. ; 28 cm. — (Ma ; 249) ●Item 901-E

1. Industrial equipment leases — United States. 2. Lease and rental services — United States. I. Title. II. Series: Management aids (United States. Small Business Administration) ; no. 249. OCLC 09244303

83-12068

SBA 1.14:166/2

Hammel, Fred C.

Simple breakeven analysis for small stores / by Fred C. Hammel. — [Washington, D.C.?] : U. S. Small Business Administration, 1980.

7, [1] p. ; 26 cm. — (SMA ; 166) "First printed May 1978"—P. 2. "February, 1980"—P. [8] ●Item 901-J

1. Break-even analysis. 2. Cost accounting. 3. Business mathematics. 4. Small business. 5. Stores, Retail — Accounting. I. United States. Small Business Administration. II. Title. III. Series. OCLC 08218764

83-12069

SBA 1.19:D 49/3

Certified development company program : program guide. — [Washington, D.C.?] : U.S. Small Business Administration, Financial Assistance Division, [1981]

9 p. ; 28 cm. Cover title. "January 1981." ●Item 901-P

1. Small business — United States — Finance. I. United States. Small Business Administration. Financial Assistance Division. II. Title. OCLC 09306271

83-12070

SBA 1.19:D 49/3/982

Certified Development Company Program : program guide. — [Washington, D.C.?] : U.S. Small Business Administration, Financial Assistance Division, 1982.

9 p. ; 28 cm. Cover title. "September 1982." ●Item 901-P

1. Small business — United States — Finance. I. United States. Small Business Administration. Financial Assistance Division. OCLC 09286323

83-12071

SBA 1.32:1.006

Litt, Danny S.

Cash flow in a small plant / by Danny S. Litt. — [Washington, D.C.?] : U.S. Small Business Administration, Management Assistance, Support Services Section, 1982.

1 folded sheet (6 p.) ; 28 cm. — (Management aids ; number 1.006) "Previous designation MA 229"—P. [6] ●Item 901-E

1. Cash flow — United States. 2. Small business — United States — Cash position. I. United States. Small Business Administration. Management Assistance Division. Support Services Section. II. Title. III. Series: Management aids (United States. Small Business Administration) ; no. 1.006. OCLC 09314302

83-12072

SBA 1.32:1.007

O'Neal, Cooke.

Credit and collections / by Cooke O'Neal. — [Washington, D.C.?] : U.S. Small Business Administration, Management Assistance, Support Services Section, 1982.

1 folded sheet (6 p.) ; 28 cm. — (Management aids ; no. 1.007) "Previous designation MA 232"—P. 6. ●Item 901-E

1. Credit management — United States. 2. Collecting of accounts. I. United States. Small Business Administration. Management Assistance Division. Support Services Section. II. Title. III. Series: Management aids (United States. Small Business Administration) ; no. 1.007. OCLC 09320347

83-12073

SBA 1.32:1.018

Bhandari, Narendra C .

Checklist for profit watching / by Narendra C. Bhandari. — Repr. Feb. 1981. — [Washington, D.C.?] : U.S. Small Business Administration, Management Assistance, Support Services Section, [1981]

5 p. ; 28 cm. — (Management aids ; no. 1.018) ●Item 901-E

1. Profit — United States. 2. Small business — United States — Management. I. United States. Small Business Administration. Management Assistance Division. Support Services Section. II. Title. III. Series: Management aids (United States. Small Business Administration) ; no. 1.018. OCLC 09244347

83-12074

SBA 1.32:2.003

Kline, John B.

Pointers on scheduling production / by John B. Kline. — Repr. July 1980. — [Washington, D.C.?] : U.S. Small Business Administration, Management Assistance, Support Services Section, [1980]

[6] folded pages ; 28 cm. — (Management aids ; no. 2.003) "Number 2.003, previous designation MA 207"—P. [6] ●Item 901-E

1. Scheduling (Management) 2. Production control. I. United States. Small Business Administration. Management Assistance Division. Support Services Section. II. Title. III. Series: Management aids (United States. Small Business Administration) ; no. 2.003. OCLC 09244406

83-12075

SBA 1.32:2.005/2

Mayer, Raymond R.

The equipment replacement decision / by Raymond R. Mayer. — [Washington, D.C.?] : U.S. Small Business Administration, Management Assistance, Support Services Section, 1982.

1 folded sheet (6 p.) ; 28 cm. — (Management aids ; no. 2.005) ●Item 901-E

1. Office equipment and supplies — Costs. 2. Replacement of industrial equipment. I. United States. Small Business Administration. Management Assistance Division. Support Services Section. II. Title. III. Series: Management aids (United States. Small Business Administration) ; no. 2.005. OCLC 09314374

83-12076

SBA 1.32:3.001

Wantola, Stanley.

Delegating work and responsibility / Stanley Wantola. — [Washington, D.C.?] : U.S. Small Business Administration, Management Assistance, Support Services Section, 1982.

3, [1] p. ; 28 cm. — (Management aids ; no. 3.001) "Previous designation MA 191"—P. [4] ●Item 901-E

1. Work. 2. Small business — United States — Management. I. United States. Small Business Administration. Management Assistance Division. Support Services Section. II. Title. III. Series: Management aids (United States. Small Business Administration) ; no. 3.001. OCLC 09320280

83-12077

SBA 1.32:3.004

Aster, Saul D.

Preventing retail theft / by Saul D. Aster. — Repr. Mar. 1981. — [Washington, D.C.] : U.S. Small Business Administration, Management Assistance, Support Services Division, [1981]

1 folded sheet (5 p.) ; 28 cm. — (Management aids ; no. 3.004) "Number 3.004, previous designation SMA 119"—P. 5. ●Item 901-E

1. Larceny. 2. Employee theft. 3. Retail trade — Security measures. I. United States. Small Business Administration. Management Assistance Division. Support Services Section. II. Title. III. Series: Management aids (United States. Small Business Administration) ; no. 3.004. OCLC 09092911

83-12078

SBA 1.32:3.006

Verrill, Addison H.

Reducing shoplifting losses / by Addison H. Verrill. — Repr. Mar. 1981. — [Washington, D.C.] : U.S. Small Business Administration, Management Assistance, Support Services Section, [1981]

1 folded sheet (4 p) ; 28 cm. — (Management aids ; no. 3.006) ●Item 901-E

1. Shoplifting. 2. Retail trade — Security measures. I. United States. Small Business Administration. Management Assistance Division. Support Services Section. II. Title. III. Series: Management aids (United States. Small Business Administration) ; no. 3.006. OCLC 09119175

83-12079

SBA 1.32:3.009

Moran, Christopher J.

Preventing embezzlement / by Christopher J. Moran. — Repr. Apr. 1981. — [Washington, D.C.?] : U.S. Small Business Administration, Management Assistance, Support Services Section, 1982.

1 folded sheet (6 p.) ; 28 cm. — (Management aids ; no. 3.009) "Number 3.009, previous designation SMA 157"—P. 6. ●Item 901-E

1. Embezzlement — United States. 2. Offenses against property — United States. 3. Small business — United States. I. United States. Small Business Administration. Management Assistance Division. Support Services Section. II. Title. III. Series: Management aids (United States. Small Business Administration) ; no. 3.009. OCLC 09246143

83-12080

SBA 1.32:4.007

Burr, Patricia L.

Selling products on consignment / by Patricia L. Burr. — [Washington, D.C.?] : U.S. Small Business Administration, Management Assistance, Support Services Section, 1982.

[6] folded pages ; 28 cm. — (Management aids ; no. 4.007) "Number 4.007, previous designation MA 230"—P. [6] ●Item 901-E

1. Consignment sales — United States. I. United States. Small Business Administration. Management Assistance Division. Support Services Section. II. Title. III. Series: Management aids (United States. Small Business Administration) ; no. 4.007. OCLC 09277884

83-12081

SBA 1.32:4.010

Gould, Douglas P.

Developing new accounts / by Douglas P. Gould. — [Washington, D.C.?] : U.S. Small Business Administration, Management Assistance, Support Services Section, 1982.

1 folded sheet (6 p.) ; 28 cm. — (Management aids ; number 4.010) "Previous designation MA 246"—P. [6] ●Item 901-E

1. Customer relations. 2. Small business — United States — Management. 3. Sales promotion. I. United States. Small Business Administration. Management Assistance Division. Support Services Section. II. Title. III. Series: Management aids (United States. Small Business Administration) ; no. 4.010. OCLC 09093164

83-12082

SBA 1.32:4.014

Rosenbloom, Bert.

Improving personal selling in small retail stores / by Bert Rosenbloom. — Repr. Apr. 1981. — [Washington, D.C.?] : U.S. Small Business Administration, Management Assistance, Support Services Section, [1981]

4 p. : ill. ; 28 cm. — (Management aids ; no. 4.014) "Number 4.014, previous designation SMA 159"—P. 4. ●Item 901-E

1. Clerks (Retail trade) — United States. 2. Sales personnel — United States. I. United States. Small Business Administration. Management Assistance Division. Support Services Section. II. Title. III. Series: Management aids (United States. Small Business Administration) ; no. 4.014. OCLC 09244030

83-12083

SBA 1.32:5.006

Scollard, Gene F.

Setting up a pay system / Gene F. Scollard. — [Washington, D.C.?] : U.S. Small Business Administration, Management Assistance, Support Services Section, 1982.

1 folded sheet (6 p.) ; 28 cm. — (Management aids ; no. 5.006) ●Item 901-E

1. Wage payment systems — United States. I. United States. Small Business Administration. Management Assistance Division. Support Services Section. II. Title. III. Series: Management aids (United States. Small Business Administration) ; no. 5.006. OCLC 09314427

83-12084

SBA 1.32:5.008

Hanna, John B.

Managing employee benefits / by John B. Hanna. — Washington, D.C. : U.S. Small Business Administration, Management Assistance, Support Services Division, [1980]

7 p. ; 28 cm. — (Management aids ; no. 5.008) ●Item 901-E

1. Non-wage payments — United States. 2. Labor costs — United States. I. United States. Small Business Administration. Management Assistance Division. Support Services Section. II. Title. III. Series: Management aids (United States. Small Business Administration) ; no. 5.008. OCLC 09243973

83-12085

SBA 1.32:6.003

Incorporating a small business / prepared by the Office of General Counsel, U.S. Small Business Administration. — [Washington, D.C.?] : U.S. Small Business Administration, Management Assistance, Support Services Section, [1981]

1 folded sheet (5 p.) ; 28 cm. — (Management aids ; no. 6.003) "First printed January 1976, reprinted February 1981."—P.2. "Previous designation MA 223"—P. [5] ●Item 901-E

1. Incorporation — United States. 2. Small business — United States. I. United States. Small Business Administration. Office of the General Counsel. II. United States. Small Business Administration. Management Assistance Division. Support Services Section. III. Series: Management aids (United States. Small Business Administration) ; no. 6.003. OCLC 09093072

## SECURITIES AND EXCHANGE COMMISSION
## Washington, DC 20549

83-12086

SE 1.2:In 8/11/977-2

Parts I and II of the list of companies registered under the Investment Company Act of 1940 as of December 31, 1977 / prepared by Office of Reports and Information Services. — Washington, D.C. : Securities and Exchange Commission, [1978?]

i, 41 p. ; 28 cm. Cover title. ●Item 904 (microfiche)

1. Small business investment companies — Registers. I. United States. Securities and Exchange Commission. Office of Reports and Information Services. OCLC 09246484

83-12087

SE 1.2:M 34

Market oversight surveillance system : description and justification. — [Washington, D.C.?] : U.S. Securities and Exchange Commission, [1981?]

31 leaves ; 28 cm. Cover title. ●Item 904 (microfiche)

1. Stock-exchange — United States. 2. Trade regulation — United States. I. United States. Securities and Exchange Commission. OCLC 09301338

83-12088

SE 1.11/2:975-77/supp.

United States. Securities and Exchange Commission. Office of Opinions and Review.

Supplement to Index to Commission decisions, July 1975 through June 1977 / prepared by Office of Opinions and Review. — Washington, D.C. : Securities and Exchange Commission, Office of Opinions and Review, [1977?]

60 p. ; 27 cm. Cover title.

1. Securities — United States — Cases. I. Title. OCLC 09320316

## SMITHSONIAN INSTITUTION
## Washington, DC 20560

83-12089

SI 1.2:Un 3/3

Flint, Janet A.

The print in the United States from the eighteenth century to the present / Janet A. Flint. — Washington, D.C. : Published for the National Museum of American Art by the Smithsonian Institution, 1981.

22 p. : ill. ; 26 cm. "Published on the occasion of an exhibition at the National Museum of American Art, Smithsonian Institution, Washington, D.C., October 2, 1981-January 17, 1982"—Verso of t.p. ●Item 910 (microfiche)

1. Prints, American — Exhibitions. I. National Museum of American Art (U.S.) II. Smithsonian Institution. III. Title. NE505.F56 81-014456 769.973/074/0153 ¢2 19 OCLC 07795905

83-12090

SI 1.26:25

Mason, Brian Harold, 1917-

Inclusions in the Allende Meteorite / Brian Mason and S.R. Taylor. — Washington : Smithsonian Institution, 1982.

iii, 30 p. : ill. ; 26 cm. — (Smithsonian contributions to the earth sciences ; no. 25) Bibliography: p. 28-30. ●Item 910-B (microfiche)

1. Allende meteorite. I. Taylor, Stuart Ross, 1925- II. Smithsonian Institution. III. Title. IV. Series. QE1.S227 no. 25 82-600091 [QB756.A44] 550 s [523.5/1 ¢2 19] OCLC 08347641

83-12091

SI 1.27:342

Cressey, Roger F., 1930-

Revision of Indo-West Pacific lizardfishes of the genus Synodus (Pisces, Synodontidae) / Roger Cressey. — Washington : Smithsonian Institution Press, 1981.

iii, 53 p. : ill., maps ; 27 cm. — (Smithsonian contributions to zoology ; no. 342) Bibliography: p. 44-45. ●Item 910-D (microfiche)

1. Fishes — Classification. 2. Fishes — Pacific Ocean — Classification. 3. Fishes — Indian Ocean — Classification. I. Smithsonian Institution. II. Title. III. Series. QL638.S96C73 81-607885 597/.58 ¢2 19 OCLC 07737315

83-12092

SI 1.27:344

Mead, James G.

Biological observations on Mesoplodon carlhubbsi (Cetacea, Ziphiidae) / James G. Mead, William A. Walker, and Warren J. Houck. — Washington : Smithsonian Institution Press, 1982.

iii, 25 p. : ill. ; 26 cm. — (Smithsonian contributions to zoology ; no. 344) Bibliography: p. 24-25. ●Item 910-D (microfiche)

1. Beaked whales. 2. Hubb's beaked whale. I. Walker, William A. II. Houck, Warren J. III. Smithsonian Institution. IV. Title. V. Series. QL1.S54 no. 344 81-009311 [QL237.C438] 591 s [599.5/3 ¢2 19] OCLC 07671932

83-12093

SI 1.27:352

Distribution and systematics of Peromyscus (Mammalia:Rodentia) of Nayarit, Mexico / Michael D. Carleton ... [et al.]. — Washington : Smithsonian Institution, 1982.

iii, 46 p. : ill., 2 maps ; 26 cm. — (Smithsonian contributions to zoology ; no. 352) Bibliography: p. 44-46. ●Item 910-D (microfiche)

1. Peromyscus — Classification. 2. Peromyscus — Geographical distribution. 3. Mammals — Classification. 4. Mammals — Geographical distribution. 5. Mammals — Mexico — Nayarit — Classification. 6. Mammals — Mexico — Nayarit — Geographical distribution. I. Carleton, Michael D. II. Smithsonian Institution. III. Series. QL1.S54 no. 352 81-018373 [QL737.R638] 591 s [599.32/33 ¢2 19] OCLC 07948577

83-12094

SI 1.27:353

Hope, W. Duane.

Structure of head and stoma in the marine nematode genus Deontostoma (Enoplida:Leptosomatidae) / W. Duane Hope. — Washington : Smithsonian Institution, 1982.

iii, 22 p. : ill. ; 26 cm. — (Smithsonian contributions to zoology ; no. 353) Bibliography: p. 17-18. ●Item 910-D (microfiche)

1. Deontostoma — Anatomy. 2. Head. 3. Nematoda — Anatomy. I. Smithsonian Institution. II. Title. III. Title: Stoma in the marine nematode genus Deontostoma. IV. Series. QL1.S54 no. 353 81-607126 [QL391.N4] 591 s [595.1/82 ¢2 19] OCLC 07976749

83-12095

SI 1.27:354

Hoage, R. J.

Social and physical maturation in captive lion tamarins, Leontopithecus rosalia rosalia (Primates:Callitrichidae) / R.J. Hoage. — Washington : Smithsonian Institution, 1982.

iv, 56 p. : ill. ; 26 cm. — (Smithsonian contributions to zoology ; no. 354) Bibliography: p. 51-56. ●Item 910-D (microfiche)

1. Leontopithecus rosalia — Behavior. 2. Leontopithecus rosalia — Development. 3. Wild animals, Captive — Behavior. 4. Social behavior in animals. 5. Mammals — Behavior. 6. Mammals — Development. I. Smithsonian Institution. II. Title. III. Series. QL1.S54 no. 354 81-021330 [QL737.P92] 591 s [599.8/2 ¢2 19] OCLC 08034578

83-12096

SI 1.27:355

Flint, Oliver S.

Studies of neotropical caddisflies, XXX : larvae of the genera of South American Limnephilidae (Trichoptera) / Oliver S. Flint, Jr. — Washington : Smithsonian Institution, 1982.

iii, 30 p. : ill. ; 26 cm. — (Smithsonian contributions to zoology ; no. 355) Bibliography: p. 15. ●Item 910-D (microfiche)

1. Limnephilidae — Larvae. 2. Limnephilidae — Classification. 3. Insects — Larvae. 4. Insects — Classification. 5. Insects — South America. I. Smithsonian Institution. II. Title. III. Title: Studies of neotropical caddisflies, 30. IV. Title: Studies of neotropical caddisflies, Thirty. V. Series. QL1.S54 no. 355 82-000638 [QL518.L5] 591 s [595.7/45 ¢2 19] OCLC 08169148

**83-12097**

**SI 1.27:357**

Barnard, J. Laurens (Jerry Laurens), 1928-

The genus Rhepoxynius (Crustacea:Amphipoda:Phoxocephalidae) in American seas / J. Laurens Barnard and Charline M. Barnard. — Washington : Smithsonian Institution, 1982.

iii, 49 p. : ill. ; 26 cm. — (Smithsonian contributions to zoology ; no. 357) Bibliography: p. 49. ●Item 910-D (microfiche)

1. Rhepoxynius — Classification. 2. Crustacea — Classification. I. Barnard, Charline M. II. Smithsonian Institution. III. Title. IV. Series. QL1.S54 no. 357 81-607565 [QL444.M315] 591 s [595.3/71 ¢2 19] OCLC 08111171

**83-12098**

**SI 1.27:358**

Kornicker, Louis S., 1919-

A restudy of the amphiatlantic ostracode Philomedes brenda (Baird, 1850) (Myodocopina) / Louis S. Kornicker. — Washington : Smithsonian Institution, 1982.

iii, 28 p. : ill., 1 map ; 26 cm. — (Smithsonian contributions to zoology ; no. 358) Bibliography: p. 24-28. ●Item 910-D (microfiche)

1. Philomedes brenda — Classification. 2. Philomedes albatross — Classification. 3. Crustacea — Classification. 4. Crustacea — Atlantic Ocean — Classification. I. Smithsonian Institution. II. Title. III. Title: Amphiatlantic ostracode Philomedes brenda (Baird, 1850) (Myodocopina) IV. Series. QL1.S54 no. 358 81-607376 [QL444.O85] 591 s [595.3/3 ¢2 19] OCLC 08111137

**83-12099**

**SI 1.27:363**

Gore, Robert H.

Porcellanid crabs from the coasts of Mexico and Central America (Crustacea, Decapoda, Anomura) / Robert H. Gore. — Washington : Smithsonian Institution, 1982.

iv, 34 p. : 1 ill., 1 map ; 26 cm. — (Smithsonian contributions to zoology ; no. 363) Bibliography: p. 32-34. ●Item 910-D (microfiche)

1. Porcellanidae. 2. Crustacea — Mexico. 3. Crustacea — Central America. I. Smithsonian Institution. II. Title. III. Series. QL1.S54 no. 363 82-600151 [QL444.M33] 591 s [595.3/844 ¢2 19] OCLC 08410458

**83-12100**

**SI 1.27:366**

Feduccia, J. Alan.

Morphological similarities between the Menurae and the Rhinocryptidae, relict passerine birds of the Southern Hemisphere / Alan Feduccia and Storrs L. Olson. — Washington : Smithsonian Institution, 1982.

iii, 22 p. : ill. ; 26 cm. — (Smithsonian contributions to zoology ; no. 366) Bibliography: p. 21-22. ●Item 910-D (microfiche)

1. Passeriformes. 2. Passeriformes — Classification. 3. Rhinocryptidae. 4. Rhinocryptidae — Classification. 5. Birds. 6. Birds — Classification. I. Olson, Storrs L. II. Smithsonian Institution. III. Title. IV. Title: Menurae and the Rhinocryptidae, relict passerine birds of the Southern Hemisphere. V. Title: Relict passerine birds of the Southern Hemisphere. VI. Series. QL1.S54 no. 366 82-600141 [QL696.P2] 591 s [598.8 ¢2 19] OCLC 08388871

**83-12101**

**SI 1.27:370**

Heppner, John B.

Millieriinae : a new subfamily of Choreutidae, with new taxa from Chile and the United States (Lepidoptera:Sesioidea) / John B. Heppner. — Washington : Smithsonian Institution, 1982.

iii, [27] p. : ill. ; 26 cm. — (Smithsonian contributions to zoology ; no. 370) Bibliography: p. 15. ●Item 910-D (microfiche)

1. Choreutidae — Classification. 2. Insects — Classification. 3. Insects — United States — Classification. 4. Insects — Chile — Classification. I. Smithsonian Institution. II. Title. III. Title: Choreutidae, with new taxa from Chile and the United States. IV. Series. QL1.S54 no. 370 82-600162 [QL561.C47] 591 s [595.78/1 ¢2 19] OCLC 08452854

**83-12102**

**SI 1.27:373**

Vari, Richard P.

Systematics of the Neotropical characoid genus Curimatopsis (Pisces:Characoidei) / Richard P. Vari. — Washington : Smithsonian Institution, 1982.

iii, 28 p. : 21 ill. ; 26 cm. — (Smithsonian contributions to zoology ; no. 373) Bibliography: p. 27-28. ●Item 910-D (microfiche)

1. Curimatopsis — Classification. 2. Fishes — Classification. 3. Fishes — Latin America — Classification. I. Smithsonian Institution. II. Title. III. Series. QL1.S54 no. 373 82-005802 [QL638.C89] 591 s [597/.52 ¢2 19] OCLC 08431329

**83-12103**

**SI 1.30:41**

Cooper, G. Arthur (Gustav Arthur), 1902-

New brachiopods from the Southern Hemisphere and Cryptopora from Oregon (recent) / G. Arthur Cooper. — Washington : Smithsonian Institution, 1982.

iv, 43 p. : ill., maps ; 26 cm. — (Smithsonian contributions to paleobiology ; no. 41) Bibliography: p. 26-28. ●Item 910-G (microfiche)

1. Brachiopoda, Fossil. 2. Cryptoporidae. 3. Paleontology — Recent. 4. Paleontology — Southern Hemisphere. 5. Paleontology — Oregon. I. Smithsonian Institution. II. Title. III. Series. QE701.S56 no. 41 82-600000 [QE796] 560 s [564/.8 ¢2 19] OCLC 08172388

**83-12104**

**SI 1.30:45**

Cifelli, Richard.

Textural observations on some living species of planktonic foraminifera / Richard Cifelli. — Washington : Smithsonian Institution, 1982.

iii, 45 p. : ill. ; 26 cm. — (Smithsonian contributions to paleobiology ; no. 45) Bibliography: p. 14-15. ●Item 910-G (microfiche)

1. Foraminifera — Atlantic Ocean. 2. Foraminifera — Development. 3. Foraminifera — Morphology. 4. Ultrastructure (Biology) 5. Protozoa — Development. 6. Protozoa — Morphology. 7. Protozoa — Atlantic Ocean. I. Smithsonian Institution. II. Title. III. Series. QE701.S56 no. 45 81-607840 [QL368.F6] 560 s [592.1/304471 ¢2 19] OCLC 07597187

83-12105

SI 1.41:10

Menez, Ernani G.

The marine algae of Tunisia / Ernani G. Menez and Arthur C. Mathieson. — Washington : Smithsonian Institution, 1981.

viii, 59 p. : 1 map ; 26 cm. — (Smithsonian contributions to the marine sciences ; no. 10) Bibliography: p. 53-59. ●Item 910-M (microfiche)

1. Marine algae — Tunisia. I. Mathieson, Arthur C. II. Smithsonian Institution. III. Title. IV. Series. QK576.T8M46 81-607084 589.3961/1 ¢2 19 OCLC 07577018

## TREASURY DEPARTMENT
## Washington, DC 20220

83-12106

T 1.4/3:28-82

United States. Dept. of the Treasury. Office of the Secretary.

United States of America, treasury notes of November 15, 1985, series P-1985. — Washington : U.S. Dept. of the Treasury, Office of the Secretary, 1983.

4 p. ; 27 cm. — (Department circular, public debt series ; no. 28-82) Caption title. "October 28, 1982"—P. [1] "Supplement to Department circular, public debt series — no. 28-82"—P. 4. ●Item 924

1. Securities — United States. 2. Debts, Public — United States. I. Title. II. Title: Treasury notes of November 15, 1985, series P-1985. III. Series: United States. Dept. of the Treasury. Office of the Secretary. Department circular, public debt series ; no. 28-82. OCLC 09307471

83-12107

T 1.4/3:29-82

United States. Dept. of the Treasury. Office of the Secretary.

United States of America, treasury notes of November 15, 1992, series C-1992. — Washington : U.S. Dept. of the Treasury, Office of the Secretary, 1983.

4 p. ; 27 cm. — (Department circular, public debt series ; no. 29-82) Caption title. "October 28, 1982"—P. [1] "Supplement to Department circular, public debt series — no. 29-82"—P. 4. ●Item 924

1. Securities — United States. 2. Debts, Public — United States. I. Title. II. Title: Treasury notes of November 15, 1992, series C-1992. III. Series: United States. Dept. of the Treasury. Office of the Secretary. Department circular, public debt series ; no. 29-82. OCLC 09306096

83-12108

T 1.59:981

United States. Dept. of the Treasury. Office of Inspector General.

Annual report / Office of Inspector General, Department of the Treasury. [Washington, D.C.?] : The Office, [1982?- Dept. of the Treasury, Washington, D.C., 20220

v. ; 28 cm.

Annual

1981- Cover title: Annual report to the Secretary on program integrity 1981- Report covers fiscal year 1981. ●Item 923-A-3 Continues: United States. Dept. of the Treasury. Office of Inspector General Annual report of the Inspector General for fiscal year ...

1. United States. Dept. of the Treasury. Office of Inspector General — Periodicals. I. Title. OCLC 09308109

## COMPTROLLER OF CURRENCY
## Treasury Dept.
## Washington, DC 20219

83-12109

T 12.1:980/operations

United States. Office of the Comptroller of the Currency.

Report of operations / Office of the Comptroller of the Currency. Washington, D.C. : The Comptroller, [1981?] Comptroller of the Currency, Administrator of National Banks, Washington, D.C., 20219

1 v. ; 28 cm.

Annual

1980. Continued by the Office's quarterly journal. ●Item 946 Continues in part: United States. Office of the Comptroller of the Currency. Annual report

1. United States. Office of the Comptroller of the Currency — Periodicals. 2. Banks and banking — United States — Periodicals. I. Title. OCLC 07819484

83-12110

T 12.1:979

United States. Office of the Comptroller of the Currency.

Annual report / Comptroller of the Currency. Washington, D.C. : The Comptroller, Comptroller of the Currency, Administrator of National Banks, Washington, D.C. 20219

v. ; 23-28 cm.

Annual

Began with 1st, 1863. 1979. Description based on: 1979. Issued in 2 v., 1886/87-1902/03; 3 v., 1903/04. Includes supplements. Information on the Office's activities for 1980 issued separately as: Report of operations; for 1981- issued in the Office's quarterly journal. ●Item 946

1. Banks and banking — United States — Statistics — Periodicals. 2. United States. Office of the Comptroller of the Currency — Periodicals. I. Title. OCLC 01589176

## CUSTOMS SERVICE
## Treasury Dept.
## Washington, DC 20229

83-12111

T 17.13:P 96

Publications listing : general public : importers : travelers. — Washington, D.C. : Dept. of the Treasury, U.S. Customs Service, Public Information Division, [1980]

1 folded sheet (6) p. ; 21 x 9 cm. "June 1980"—P. [6] ●Item 950-E-1

1. Customs administration — United States. 2. Customs administration and tourists — United States. 3. International travel regulations. 4. Foreign trade regulation — United States. 5. Import quotas — United States. I. U.S. Customs Service. Public Information Division. OCLC 09252792

83-12112

T 17.15:982

U.S. Customs Service.

Telephone directory. [Washington, D.C.?] : Treasury, U.S. Customs Service, Publications and Reproduction Branch, U.S. Customs Service, 6 World Trade Center, New York, N.Y., 10048

v. : folded map ; 18 cm.

Annual Title from cover. Apr. 1982. Description based on: Apr. 1981. ●Item 948-B (microfiche)

1. U.S. Customs Service — Directories — Telephone. I. Title. OCLC 07769376

## INTERNAL REVENUE SERVICE
### Treasury Dept.
### Washington, DC 20224

**83-12113**

**T 22.2:F 76/7**

SF171 : your SF-171 from start to finish. — Rev. 10-82. — [Washington, D.C.?] : Dept. of the Treasury, Internal Revenue Service, [1982]

23 p. : forms ; 22 cm. — (Document ; 6658) Cover title. ●Item 956

1. Civil service — United States. 2. Civil service — United States — Forms. 3. Applications for positions. I. United States. Internal Revenue Service. II. Title: Your SF-171 from start to finish. III. Series: Document (United States. Internal Revenue Service) ; 6658. OCLC 09250811

**83-12114**

**T 22.2:Or 3/982**

Cumulative list of organizations described in section 170 (c) of the Internal Revenue Code of 1954. [Washington, D.C.?] : Dept. of the Treasury, Internal Revenue Service : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washinton, D.C. 20402

v. ; 27 cm. (Publication ; 78 (rev. 1-83))

Annual with 3 quarterly cumulative supplements, ⟨1977⟩-

Annual with bimonthly cumulative supplements, ⟨1963-1974⟩

$35.00 Title from cover. Oct. 31, 1982. Description based on: Oct. 31, 1973. ●Item 956 S/N 048-004-81005-1 ISSN 0499-6453 Main series: Publication (United States. Internal Revenue Service)

1. Charitable uses, trusts, and foundations — United States — Directories. 2. Income tax — United States — Deductions — Charitable contributions — Directories. I. United States. Internal Revenue Service. II. Series: Publication (United States. Internal Revenue Service) ; 78 (rev. 1-83) HJ4653.D4A3 55-061341 //r813 OCLC 02457127

**83-12115**

**T 22.2:T 19/10/982**

Tax law specialist. — Rev. 3-82. — [Washington, D.C.?] : Dept. of the Treasury, Internal Revenue Service, 1982.

[2] p. ; 21 x 27 cm. — (Publication ; 660) Caption title. ●Item 956

1. United States. Internal Revenue Service — Job descriptions. 2. Lawyers — United States. 3. Tax consultants — United States. I. Series: Publication (United States. Internal Revenue Service) ; 660. OCLC 09306317

**83-12116**

**T 22.19/2:Ar 1**

Arbitration handbook. — [Washington, D.C.?] : Dept. of the Treasury, Internal Revenue Service, [1982]

1 v. (loose-leaf) ; 28 cm. — (Document ; 6608) Caption title. At head of title: Handbook transmittal. "September 10, 1982." ●Item 956-A

1. Grievance arbitration — United States. I. United States. Internal Revenue Service. II. Series: Document (United States. Internal Revenue Service) ; 6608. OCLC 09251372

**83-12117**

**T 22.44/2:557/11**

Tax-exempt status for your organization. — Rev. Jan. 1982. — [Washington, D.C.?] : Dept. of the Treasury, Internal Revenue Service, 1982.

42 p. ; 28 cm. — (Publication ; 557) Caption title. G.P.O. sales statement incorrect in publication. Includes index.

1. Taxation, Exemption from — United States. 2. Corporations, Nonprofit — Taxation — United States. I. United States. Internal Revenue Service. II. Series: Publication (United States. Internal Revenue Service) ; 557. OCLC 09086242

## GOVERNMENT FINANCIAL OPERATIONS BUREAU
### Treasury Dept.
### Washington, DC 20226

**83-12118**

**T 63.102:M 66**

The Federal government's Minority Bank Deposit Program for qualifying financial institutions. — Washington, D.C. : Dept. of the Treasury, [1980]

[8] p. ; 21 x 9 cm. Cover title. "October 1980"—P. [7] ●Item 925

1. Federal aid to minority business enterprises — United States. 2. Minority business enterprises — United States. 3. Bank deposits — United States. I. United States. Dept. of the Treasury. OCLC 09286021

## ALCOHOL, TOBACCO AND FIREARMS BUREAU
### Treasury Dept.
### Washington, DC 20226

**83-12119**

**T 70.6:F 31/982**

Regulations under the Federal Alcohol Administration Act : Title 27, Code of federal regulations. — [Washington, D.C.?] : Dept. of the Treasury, Bureau of Alcohol, Tobacco and Firearms, 1982.

[96] p. ; 24 cm. Cover title. "7/82." Parts 1-11. "ATFP5100.8" ●Item 954

1. Liquor laws — United States. 2. Liquor traffic — United States. I. United States. Bureau of Alcohol, Tobacco, and Firearms. OCLC 09290617

**83-12120**

**T 70.6/3:9**

Napa Valley viticultural area : 27 CFR part 9. — Washington, D.C. : Dept. of the Treasury, Bureau of Alcohol, Tobacco, and Firearms, [1981]

3 p. ; 27 cm. Caption title. "March 30, 1981"—P. 3. "Reprinted from the Federal register of Jan. 28, 1981"—P. 3. "TDATF-79." "Notice no. 337."

1. Wine labels. 2. Liquor laws — United States. 3. Viticulture — California. I. United States. Bureau of Alcohol, Tobacco, and Firearms. OCLC 09294445

**83-12121**

**T 70.6/3/:240,252**

Transfer of wine, without payment of tax, to customs bonded warehouses for embassy removals and other purposes : 27 CFR parts 240 and 252. — Washington, D.C. : Dept. of the Treasury, Bureau of Alcohol, Tobacco, and Firearms, [1981]

6 p. ; 28 cm. Caption title. "Reprinted from the Federal register of August 5, 1981"—P. 6. "Treasury decision ATF-88." "Notice no. 377."

1. Wine and winemaking — Law and legislation — United States. 2. Wine and winemaking — Taxation — United States. 3. Liquor traffic — Taxation — United States. I. United States. Bureau of Alcohol, Tobacco, and Firearms. OCLC 09294498

83-12122

T 70.6/3:6,8

Unlawful trade practices under the Federal Alcohol Administration Act : advance notice of proposed rulemaking : 27 CFR parts 6 and 8. — Washington, D.C. : Dept. of the Treasury, Bureau of Alcohol, Tobacco, and Firearms, [1977]

[2] p. ; 27 cm. Caption title. "Filed 12-29-77"—P. 2. "Notice no. 315." "FR doc. 77-37116"—P. 2.

1. Liquor traffic — United States. 2. Liquor laws — United States. I. United States. Bureau of Alcohol, Tobacco, and Firearms. OCLC 09294408

83-12123

T 70.6/3:19,70,240,245,250,270,275

Notice of proposed rulemaking : electronic fund transfer for certain alcohol and tobacco products tax payments and other provisions : 27 CFR parts 19, 70, 240, 245, 250, 270, and 275. — Washington, D.C. : Dept. of the Treasury, Bureau of Alcohol, Tobacco, and Firearms, [1980]

13 p. ; 27 cm. Cover title. "Reprinted from the Federal register of June 6, 1980"—P. 13. "Notice no. 341."

1. Electronic funds transfers — United States. 2. Alcohol — Taxation — United States. 3. Tobacco — Taxation — United States. I. United States. Bureau of Alcohol, Tobacco, and Firearms. II. Title: Electronic fund transfer for certain alcohol and tobacco products tax payments. OCLC 09294353

## UNITED STATES INTERNATIONAL TRADE COMMISSION
## Washington, DC 20436

83-12124

TC 1.2:F 41/2

Featherstone, Lynn.

High carbon ferrochromium : report to the President on investigation no. TA-201-28 under section 201 of the Trade Act of 1974. — Washington, D.C. : U.S. International Trade Commission, [1977]

1 v. (various pagings) : ill. ; 28 cm. — (USITC publication ; 845) Cover title. "December 1977." Includes bibliographical references. ●Item 978 (microfiche)

1. Chromium-iron alloys. 2. Carbon. I. United States International Trade Commission. II. Title. III. Series. OCLC 08252090

83-12125

TC 1.2:N 28

Reavis, Larry.

Certain machine needles : report to the President on investigation no. TA-201-38 under section 201 of the Trade Act of 1974. — Washington, D.C. : U.S. International Trade Commission, [1979]

1 v. (various pagings) : ill. ; 28 cm. — (USITC publication ; 936) Cover title. "February 1979." ●Item 978 (microfiche)

1. Pins and needles. 2. Tariff on pins and needles — United States. I. United States International Trade Commission. II. Title. III. Series. OCLC 09284946

83-12126

TC 1.39:TA-201-35

Featherstone, Lynn.

High-carbon ferrochromium : report to the president on investigation no. TA-201-35 under section 201 of the Trade Act of 1974. — Washington, D.C. : U.S. International Trade Commission, [1978]

1 v. (various pagings) : ill. ; 28 cm. — (USITC publication ; 911) Cover title. "September 1978." Includes bibliographical references. ●Item 980-B (microfiche)

1. Chromium-iron alloys. I. United States International Trade Commission. II. Title. OCLC 04601817

## TRANSPORTATION DEPARTMENT
## Washington, DC 20590

83-12127

TD 1.1/3:982

United States. Dept. of Transportation. Office of Inspector General.

Inspector General semiannual report to the Congress : April 1, 1982-September 30, 1982. — Washington, D.C. : U.S. Dept. of Transportation, 1982.

1 v. (various pagings) : ill. ; 28 cm. Cover title. ●Item 982-C-22

1. United States. Dept. of Transportation. Office of Inspector General — Accounting. I. Title. OCLC 09293478

83-12128

TD 1.2:M 58/2

Microcomputers in transportation : information source book. — [Washington, D.C.] : U.S. Dept. of Transportation, 1982.

1 v. (various pagings) ; 28 cm. Cover title. At head of title: tps. "November 1982." ●Item 982-C-1

1. Transportation — United States — Data processing. 2. Microcomputers. 3. Information storage and retrieval systems — Transportation. I. United States. Dept. of Transportation. OCLC 09279088

83-12129

TD 1.20/8:82-38

Barker, William G.

Transportation energy contingency planning : taxi and school bus use in Dallas-Fort Worth / prepared by William G. Barker ; prepared for Office of Planning Assistance, Urban Mass Transportation Administration ; in cooperation with Technology Sharing Program, Office of the Secretary of Transportation. — Washington, D.C. : The Administration, 1982.

1 v. (various pagings) : ill., maps ; 28 cm. — (Transportation energy contingency planning) "Based on material developed by Transportation and Energy Department, North Central Texas Council of Governments." "August 1982." Includes bibliographical references. "DOT-1-82-38." "Technology Sharing, Special Studies in Transportation Planning (SSTP)"—P. [4] of cover. ●Item 982-I-15 (microfiche)

1. Taxicabs — Texas — Dallas metropolitan area. 2. School buses. 3. Gasoline supply — Texas — Dallas metropolitan area. I. North Central Texas Council of Governments. Transportation and Energy Dept. II. United States. Urban Mass Transportation Administration. Office of Planning Assistance. III. United States. Dept. of Transportation. Office of the Secretary. IV. Title. V. Title: Taxi and school bus use in Dallas-Fort Worth. VI. Title: School bus use in Dallas-Fort Worth. VII. Series. OCLC 09022897

## NATIONAL TRANSPORTATION SAFETY BOARD
## Washington, DC 20594

83-12130

TD 1.109/16:81-9

Briefs of accidents involving amateur/home built aircraft, U. S. general aviation / National Transportation Safety Board. Washington, D.C. : The Board ; [Springfield, Va. : Available to the public through the National Technical Information Service, National Technical Information Service, Springfield, Va. 22151

v. ; 28 cm.

Annual Title from cover. Vols. for 1966-1975 classed in: TD 1.109/6: ; 1976- classed in: TD 1.109/16: "NTSB-AMM-81-9." 1979. Description based on: 1979. ●Item 982-I-16 (microfiche) ISSN 0362-8884

1. Aeronautics — Accidents. 2. Aeronautics — United States — Accidents — Statistics — Periodicals. 3. Airplanes, Home-built — Accidents — Statistics — Periodicals. I. United States. National Transportation Safety Board. HE17.A47 subser 76-643300 //r82 [HE9784.5.U5] 380.5 s [387.7/4] OCLC 02379283

**83-12131**

**TD 1.112/3:81-8**

United States. National Transportation Safety Board.

Railroad accident report : derailment of Southern Pacific Transportation Company freight train Extra 9164, West Surf, California, May 22, 1981 / National Transportation Safety Board. — Washington, D.C. : The Board ; [Springfield, Va. : National Technical Information Service, distributor, 1981]

ii, 23 p. : ill., 1 map ; 28 cm. Cover title. Includes bibliographical references. "NTSB-RAR-81-8." ●Item 982-I-11 (microfiche)

1. Railroads — California — Accidents. I. Title. II. Title: Derailment of Southern Pacific Transportation Company freight train Extra 9164. West Surf, California, May 22, 1981. OCLC 07979702

**83-12132**

**TD 1.120:AAS-79-2**

United States. National Transportation Safety Board.

Special study : light twin-engine aircraft accidents following engine failures, 1972-1976 / National Transportation Safety Board. — Washington, D.C. : The Board ; Springfield, Va. : National Technical Information Service [distributor, 1979?]

iii, 85 p. : ill. ; 26 cm. Cover title. "December 13, 1979"—Bib. data sheet. Includes bibliographical references. "NTSB-AAS-79-2." ●Item 982-I-23

1. Aeronautics — United States — Accidents. I. Title. II. Title: Light twin-engine aircraft accidents following engine failures, 1972-1976. OCLC 05999085

**83-12133**

**TD 1.125:81-3**

United States. National Transportation Safety Board.

Safety effectiveness evaluation : the improvement of nighttime conspicuity of railroad trains / National Transportation Safety Board. — Washington, D.C. : The Board ; [Springfield, Va. : National Technical Information Service, distributor, 1981]

ii, 45 p. : ill. (some col.) ; 28 cm. Cover title. Includes bibliographical references. "NTSB-SEE-81-3." ●Item 982-I-22 (microfiche)

1. Railroads — United States — Crossings — Safety measures. 2. Railroads — United States — Lighting. 3. Reflectors (Safety devices) I. Title. II. Title: The improvement of nighttime conspicuity of railroad trains. OCLC 07660430

## FEDERAL HIGHWAY ADMINISTRATION
### Transportation Dept.
### Washington, DC 20590

**83-12134**

**TD 2.2:W 89**

Tri-Regional Quality Assurance Workshop (1981 : Harrisburg, Pa.)

Pennsylvania Department of Transportation and Federal Highway Administration co-sponsors Tri-Regional Quality Assurance Workshop, February 24, 25, 26, 1981, Mariott Inn, Harrisburg, Pennsylvania. — [Washington, D.C.?] : The Administration, [1981]

1 v. (various pagings) : ill. ; 28 cm. Cover title. Bibliography: p. 91. ●Item 982-G-5 (microfiche)

1. Highway engineering — United States — Congresses. 2. Roads — United States — Maintenance and repair — Congresses. I. Pennsylvania. Dept. of Transportation. II. United States. Federal Highway Administration. III. Title. OCLC 09299472

**83-12135**

**TD 2.30:80/003**

Activated advance warning for railroad grade crossings. — Washington, D.C. : U.S. Dept. of Transportation, Federal Highway Administration, Offices of Research and Development ; Springfield, Va. : National Technical Information Service [distributor], 1982.

ix, 184 p. : ill. ; 28 cm. Cover title. "Final report." "JGM Associates, Inc."—1st prelim. p. "July 1982." Includes bibliographical references. "Report no. FHWA/RD-80/003." DOT-FH-11-9346. ●Item 982-G-11 (microfiche)

1. Railroads — Crossings. 2. Railroads — Accidents. 3. Traffic signs and signals. I. United States. Federal Highway Administration. Office of the Associate Administrator for Research and Development. II. JGM Associates. OCLC 09010922

**83-12136**

**TD 2.30:81/023**
**TD 2.30:81/024**
**TD 2.30:81/025**
**TD 2.30:81/026**
**TD 2.30:81/027**
**TD 2.30:81/028**
**TD 2.30:81/029**

Social impact assessment : a sourcebook for highway planners / prepared for U.S. Department of Transportation, Federal Highway Administration, Offices of Research & Development, Environmental Division. — Washington, D.C. : The Division ; Springfield, Va. : National Technical Information Service [distributor], 1982-

v. : ill. ; 28 cm. Cover title. "June 1982." "Final report." "The BDM Corporation"—V. 1, 2 (addendum), 3, 1st prelim. p. "National Bureau of Standards, Technial Analysis Division, Department of Commerce"—V. 2, 4-6, 1st prelim. p. Includes bibliographies. Contents: v. I. User's guide to social impact assessment — v. II. A review of empirical studies — v. II (addendum). The social impact of urban highways: a review of empirical studies — V. III. Inventory of highway related social impacts — v. IV. Use of social data archives — v. V. Surveying public image/opinions by Associative Group Analysis — v. VI. Development and administration of community surveys. Contract no. DOT-FH-11-9281"—V. 1, 2, (addendum), 3. Contract no. P.O. 3-1-1541—V. 2, 4-6. "Report no. FHWA/RD-81/023"—V. 1. "Report no. FHWA/RD-81/024"—V. 2. "Report no. FHWA/RD-81/025"—V. 2 (addendum) "Report no. FHWA/RD-81/026"—V. 3. "Report no. FHWA/RD-81/027"—V. 4. "Report no. FHWA/RD-81/028"—V. 5. "Report no. FHWA/RD-81/029"—V. 6. ●Item 982-G-11 (microfiche)

1. Highway planning — United States — Public opinion. 2. Highway departments — United States. 3. Express highways — Social aspects — United States. I. United States. Federal Highway Administration. Environmental Division. II. BDM Corporation. III. United States. National Bureau of Standards. OCLC 08758628

**83-12137**

**TD 2.30:82/024**

Feasibility of standards for segmental P/S box girder bridges. — Washington, D.C. : U.S. Dept. of Transportation, Federal Highway Administration, Offices of Research and Development ; Springfield, Va. : National Technical Information Service [distributor], 1982.

xi, 122 p. : ill. ; 28 cm. Cover title. "Final report." "T.Y. Lin International"—1st prelim. p. "July 1982." Includes bibliographical references. "Report no. FHWA/RD-82/024." DTFH 61-80-C-00144. ●Item 982-G-11 (microfiche)

1. Bridges, Box girder — Design and construction. 2. Bridges, Concrete — Design and construction. 3. Bridge construction. I. United States. Federal Highway Administration. Office of the Associate Administrator for Research and Development. II. T.Y. Lin International. OCLC 09028390

**83-12138**

**TD 2.30:82/049**

Data processing applied to site characterization. — Washington, D.C. : U.S. Dept. of Transportation, Federal Highway Administration, Offices of Research and Development ; Springfield, Va. : National Technical Information Service [distributor, 1982]

iv, 36 p. : ill. ; 28 cm. Cover title. "Final Report." "Lawrence Livermore National Laboratory"—1st prelim. p. "October 1982." Includes bibliographical references. "Report no. FHWA/RD-82/049." ●Item 982-G-11 (microfiche)

1. Building sites — Data processing. 2. Tunnels — Design — Data processing. 3. Excavation — Planning. I. United States. Federal Highway Administration. Office of the Associate Administrator for Research and Development. II. Lawrence Livermore National Laboratory. OCLC 09145297

**83-12139**

**TD 2.30:82/053**

Design of SEA open friction courses. — Washington, D.C. : U.S. Dept. of Transportation, Federal Highway Administration, Offices of Research and Development ; Springfield, Va. : National Technical Information Service [distributor], 1982.

x, 201 p. : ill. ; 28 cm. Cover title. "Final report." "Texas Transportation Institute, Texas A&M University"—1st prelim.p. "September 1982." Includes bibliographical references. "Report no. FHWA/RD-82/053." DOT-FH-11-9588. ●Item 982-G-11 (microfiche)

1. Pavements, Asphalt — Testing. 2. Sulphur in building — Testing. I. United States. Federal Highway Administration. Office of the Associate Administrator for Research and Development. II. Texas Transportation Institute. III. Title: Design of S.E.A. open friction courses. OCLC 08986776

**83-12140**

**TD 2.30:82/062**

System for inventorying road surface topography (SIRST) : final report / U.S. Department of Transportation, Federal Highway Administration, Offices of Research and Development. — Washington, D.C. : The Offices ; Springfield, Va. : National Technical Information Service [distributor], 1982.

xiv, 255 p. : ill. ; 28 cm. Cover title. "Southwest Research Institute"—1st prelim. p. "August 1982." Includes bibliographical references. Contract no. DOT-FH-11-8498. "Report no. FHWA/RD-82/062." ●Item 982-G-11 (microfiche)

1. Pavements — United States — Skid resistance — Measurement. 2. Highway engineering — United States. 3. Traffic safety — United States. I. United States. Federal Highway Administration. Office of the Associate Administrator for Research and Development. II. Southwest Research Institute. OCLC 08743633

**83-12141**

**TD 2.30:82/100**

A probabilistic approach to the near roadway impact of air pollutants. — Washington, D.C. : U.S. Dept. of Transportation, Federal Highway Administration, Offices of Research and Development ; Springfield, Va. : National Technical Information Service [distributor], 1982.

viii, 116 p. : ill. ; 28 cm. Cover title. "Final report." "University of Virginia, Thornton Hall"—1st prelim. p. "June 1982." Bibliography: p. 100-106. "Report no. FHWA/RD-82/100." DOT-FH-11-9520. ●Item 982-G-11 (microfiche)

1. Air — Pollution — Mathematical models. 2. Air quality — Standards. I. United States. Federal Highway Administration. Office of the Associate Administrator for Research and Development. II. University of Virginia. OCLC 09319923

**83-12142**

**TD 2.30:82/101**

Motorists' needs for services information / U.S. Department of Transportation, Federal Highway Administration, Offices of Research and Development. — Washington, D.C. : The Offices ; Springfield, Va. : National Technical Information Service [distributor], 1982.

x, 257 p. : ill. ; 28 cm. Cover title. "KLD Associates, Inc."—1st prelim. p. "Final report." "July 1982." Includes bibliographical references. Contract no. DOT-FH-11-9340. "Report no. FHWA/RD-82/101." ●Item 982-G-11 (microfiche)

1. Travelers — United States. 2. Automobiles — Road guides — United States. I. United States. Federal Highway Administration. Office of the Associate Administrator for Research and Development. II. KLD Associates. OCLC 09299190

**83-12143**

**TD 2.30:82/117**

Determination of driver needs in work zones. — Washington, D.C. : U.S. Dept. of Transportation, Federal Highway Administration, Offices of Research and Development ; Springfield, Va. : National Technical Information Service [distributor], 1982.

v, 108 p. : ill. ; 28 cm. Cover title. "Final report." "September 1982." "Institute for Research, Inc."—1st prelim p. Includes bibliographical references. "Report no. FHWA/RD-82/117." DOT-FH-11-9549. ●Item 982-G-11 (microfiche)

1. Road construction — Safety measures. 2. Automobile driving — Safety measures. 3. Traffic signs and signals. I. United States. Federal Highway Administration. Office of the Associate Administrator for Research and Development. II. Institute for Research. OCLC 09100706

**83-12144**

**TD 2.30/4:81-216**

Functional requirements of highway safety features. — [Washington, D.C] : U.S. Dept. of Transportation, Federal Highway Administration : For sale by the Supt. of Docs., U.S. G.P.O., 1982.

1 v. (various pagings) : ill. ; 28 cm. Cover title. "December 1981." Includes bibliographical references. "FHWA-TS-81-216." ●Item 982-G-19 (microfiche) S/N 050-001-00237-0 @ GPO $7.50

1. Traffic safety — United States. 2. Roads — United States — Safety measures. I. United States. Federal Highway Administration. OCLC 08511562

83-12145

TD 2.30/4:81-219

Highway safety evaluation : procedural guide. — [Washington, D.C.] : U.S. Dept. of Transportation, Federal Highway Administration : For sale by the Supt. of Docs., U.S. G.P.O., 1982.

vii, 397 p. : ill., forms ; 28 cm. Cover title. "November 1981." Bibliography: p. 346-350. "FHWA/TS-81/219." ●Item 982-G-19 (microfiche) S/N 050-001-00242-6 @ GPO $9.50

1. Traffic safety — United States. 2. Highway engineering — United States. I. United States. Federal Highway Administration. OCLC 08768188

83-12146

TD 2.30/4:82-205

Transverse cracking of asphalt pavements / by Iowa Department of Transportation ... [et al.] ; Robert A. Shelquist ... [et al.]. — Washington, D.C. : U.S. Dept. of Transportation, Federal Highway Administration, Office of Research and Development, 1982.

iii, 23 p. : ill. ; 28 cm. "Summary report of a cooperative analysis by teams from Iowa, Kansas, Nebraska, North Dakota, and Oklahoma"—Cover. "Final report"—Cover. "July 1982"—Cover. Includes bibliographical references. "Report no. FHWA-TS-82-205"—Cover. ●Item 982-G-19 (microfiche)

1. Pavements, Asphalt — Defects. 2. Pavements, Asphalt concrete — Cracking. I. Shelquist, Robert A. II. Iowa. Dept. of Transportation. III. United States. Federal Highway Administration. Office of the Associate Administrator for Research and Development. OCLC 09246641

83-12147

TD 2.30/4:82-220

Field test and evaluation : traffic controller synchronizer / prepared for the Federal Highway Administration. — Washington, D.C. : U.S. Dept. of Transportation, Federal Highway Administration, Offices of Research and Development : [Supt. of Docs., U.S. G.P.O., distributor, 1982]

1 v. (various pagings) : ill., 1 map, forms ; 28 cm. Cover title: Traffic controller synchronizer field test and evaluation. "August 1982"—Cover. "Report No. FHWA-TS-82-220"—Cover. "HRT-20/12-82(1M)"—P. [4] of cover. Contract no. DTFH61-80-C00004. ●Item 982-G-19 (microfiche) S/N 050-001-00263-9 @ GPO $5.00

1. Traffic signs and signals — Virginia — Fairfax County — Testing. 2. Synchronization — Testing. 3. Highway communications. I. United States. Federal Highway Administration. Offices of Research, Development, and Technology. OCLC 09243180

83-12148

TD 2.40:58-1

User's manual : noise barrier cost reduction procedure, STAMINA 2.0 and OPTIMA / edited by Federal Highway Administration, Demonstration Projects Division. — Arlington, Va. : The Division ; Springfield, Va. : National Technical Information Service [distributor], 1982.

1 v. (various pagings) : ill., forms ; 28 cm. "Demonstration Projects Program"—Cover. "April 1982." Includes bibliographical references. "FHWA-DP-58-1"—Cover. ●Item 982-G-25 (microfiche)

1. Traffic noise — United States — Data processing. 2. Noise barriers. I. United States. Federal Highway Administration. Region 15. Demonstration Projects Division. II. Title: Noise barrier cost reduction procedure, STAMINA 2.0 and OPTIMA. OCLC 09301591

83-12149

TD 2.58:982

The ... Highway safety stewardship report : report of the Secretary of Transportation to the United States Congress. Washington, D.C. : U.S. Dept. of Transportation, Federal Highway Administration, Office of Highway Safety, 1980- Office of Highway Safety, Washington, D.C. 20590

v. ; 28 cm.

Annual

[6th](1980)- Title from cover. Report for 1982, covering fiscal year 1981. Vols. for 1981- prepared by Program Evaluation Division, Office of Highway Safety. ●Item 982-G-34 (microfiche) ISSN 0277-2310 Continues: Highway safety improvement programs

1. Traffic safety — Government policy — United States — Periodicals. 2. Traffic safety — United States — Periodicals. I. United States. Dept. of Transportation. II. United States. Office of Highway Safety. Program Evaluation Division. HE5614.2.H53 81-641892 363.1/256/0973 OCLC 07513904

## FEDERAL RAILROAD ADMINISTRATION
### Transportation Dept.
### Washington, DC 20590

83-12150

TD 3.15:77/50

Carter, C. S.

Fracture resistance and fatigue crack growth characteristics of railroad wheels and axles : final report / C.S. Carter, R.G. Caton, J.L. Guthrie ; prepared for U.S. Department of Transportation, Federal Railroad Administration, Office of Research and Development. — Washington : The Office ; Springfield, Va. : National Technical Information Service [distributor, 1977]

xiv, 124 p. : ill. ; 27 cm. "Final report. "Boeing Commercial Airplane Company." "November 1977." "Report no. FRA/ORD-77-50." "DOT-TSC-FRA-77-20"—1st prelim. p. Includes bibliographical references.

1. Steel — Fracture. 2. Car-wheels. 3. Railroads — United States — Cars. 4. Car axles. I. Caton, R. G. II. Guthrie, J. L., (James Leonard), 1937- III. United States. Federal Railroad Administration. Office of Research and Development. IV. Boeing Commercial Airplane Company. V. Title. OCLC 04162745

83-12151

TD 3.15:77/77/v.2

Railroad electromagnetic compatibility / Department of Defense, Electromagnetic Compatibility Analysis Center ; prepared for U.S. Department of Transportation, Federal Railroad Administration, Office of Research and Development. — Washington, D.C. : The Office ; Springfield, Va. : National Technical Information Service [distributor, 1978- ]

v. : ill. ; 28 cm. Cover title. "Final report"—Vol. 2. "September 1978"—Vol. 2. Includes bibliographical references. Contents: v. II. Assessment for classification yards and electrification. Contract no. AR 74311 work statement. "FRA/ORD-77/77.II"—Vol. 2. ●Item 701-C (microfiche)

1. Electric locomotives — United States. 2. Electromagnetic compatibility. I. Electromagnetic Compatibility Analysis Center (U.S.) II. United States. Federal Railroad Administration. Office of Research and Development. OCLC 04444568

## SAFETY OFFICE
## Transportation Dept.
## Washington, DC 20590

**83-12152**

**TD 3.110:80-3**

National Railroad Passenger Corporation, Seaboard Coast Line Railroad Company, McIntosh, Georgia, February 11, 1979. — Washington, D.C. : U.S. Dept. of Transportation, Federal Railroad Administration, Office of Safety, [1980?]

6 p. : ill. ; 28 cm. — (Railroad accident investigation report ; no. 80-3) Cover title. ●Item 681-B (microfiche)

1. Railroads — Georgia — McIntosh — Accidents. I. United States. Federal Railroad Administration. Office of Safety. II. Series. OCLC 09293642

**83-12153**

**TD 3.110/5:981**

Railroad employee fatalities investigated by the Federal Railroad Administration in ... Washington, D.C. : U.S. Dept. of Transportation, Federal Railroad Administration, Office of Safety, U.S. D.O.T., Federal Railroad Administration, 400 7th St., SW, Wash., DC 20590

v. ; 27 cm.

Annual

Began with vol. for 1976. Title from cover. 1981. Description based on: 1979. ●Item 681-C (microfiche) ISSN 0730-5230 Continues: Railroad employee fatalities investigated in ... ISSN 0160-886X

1. Railroads — United States — Accidents — Periodicals. 2. Railroads — United States — Employees — Periodicals. I. United States. Federal Railroad Administration. Office of Safety. HE1780.U54c 81-649491 363.1/22/0973 OCLC 04543292

## FEDERAL AVIATION ADMINISTRATION
## Transportation Dept.
## Washington, DC 20591

**83-12154**

**TD 4.2:T 18/2**

Task force delay study : Los Angeles International Airport improvement program / prepared through joint effort of Department of Transportation, Federal Aviation Administration ... [et al.]. — [Washington, D.C.?] : The Administration ; [Springfield, Va. : National Technical Information Service, distributor, 1981?]

23 p. : ill. ; 22 x 28 cm. Cover title. ●Item 431-C-8 (microfiche)

1. Los Angeles International Airport. 2. Airports — California — Los Angeles — Traffic control. I. United States. Federal Aviation Administration. OCLC 09256938

**83-12155**

**TD 4.8/2:2510.12 A**

United States. Federal Aviation Administration.

Acquiring commercial or industrial products and services : OMB circular A-76 / Department of Transportation, Federal Aviation Administration. — [Washington, D.C.?] : The Administration, [1981]

1 v. (loose-leaf) : forms ; 28 cm. — (Order ; 2510.12 A) Caption title. "1/16/81." Cancels order 2510.12, dated 7/1/69. ●Item 431-C-4 (microfiche)

1. United States. Federal Aviation Administration. 2. Public contracts — United States. 3. Government purchasing — United States. I. Title. II. Series: United States. Federal Aviation Administration. Order ; 2510.12 A. OCLC 09257635

**83-12156**

**TD 4.8/2:3600.4**

United States. Federal Aviation Administration.

Absence and leave. — Reprint 10/9/81, includes changes 1 thru 17. — [Washington, D.C.?] : Dept. of Transportation, Federal Aviation Administration, 1979.

1 v. (loose-leaf) : 1 form ; 28 cm. — (Order ; 3600.4) Cover title. "January 15, 1970." Cancels Handbook PT P 3600.2. ●Item 431-C-4 (microfiche)

1. United States. Federal Aviation Administration — Personnel management. 2. United States. Federal Aviation Administration — Officials and employees — Leave regulations. 3. Leave of absence — United States. I. Title. II. Series: United States. Federal Aviation Administration. Order ; 3600.4. OCLC 09266680

**83-12157**

**TD 4.8/2:3790.6/2**

United States. Federal Aviation Administration.

Employee services. — Reprint, 7/13/79, includes chg. 1. — [Washington, D.C.?] : Dept. of Transportation, Federal Aviation Administration, [1979]

1 v. (various pagings) ; 28 cm. — (Handbook ; 3790.6) Cover title. "November 3, 1967." ●Item 431-C-4 (microfiche)

1. United States. Federal Aviation Administration — Personnel management. I. Title. II. Series: United States. Federal Aviation Administration. Handbook ; 3790.6 OCLC 09299116

**83-12158**

**TD 4.8/2:4400.37 C**

United States. Federal Aviation Administration.

Contract information system : (RIS, LG 4400-21 and 4400-24) / Department of Transportation, Federal Aviation Administration. — [Washington, D.C.?] : The Administration, 1981.

1 v. (loose-leaf) : 1 form ; 28 cm. — (Order ; 4400.37 C) Caption title. "7-14-81." Cancels Order 4400.37B. ●Item 431-C-4 (microfiche)

1. United States. Federal Aviation Administration. 2. Public contracts — United States — Data processing. 3. Government purchasing — United States — Data processing. I. Title. II. Series: United States. Federal Aviation Administration. Order ; 4400.37 C. OCLC 09266725

**83-12159**

**TD 4.8/5:00-31 A**

United States. Federal Aviation Administration.

United States (U.S.) national aviation standard for the very high frequency omnidirectional radio range (VOR)/distance measuring equipment (DME)/tactical air navigation (TACAN) systems. — [Washington, D.C.?] : U.S. Dept. of Transportation, Federal Aviation Administration, 1982.

1 v. (various pagings) : ill. ; 28 cm. — (Advisory circular ; AC no. 00-31 A) Caption title. "9/20/82." Canceled AC 00-31, dated 6/10/70. ●Item 431-A-27

1. Distance measuring equipment (Aircraft to ground station) 2. Radio in aeronautics. I. Title. II. Title: United States (US) national aviation standard for the very high frequency omnidirectional radio range (VOR)/distance measuring equipment (DME)/tactical air navigation (TACAN) systems. III. Series: United States. Federal Aviation Administration. Advisory circular ; AC 00-31 A. OCLC 09036396

83-12160

TD 4.8/5:00-44 T

United States. Federal Aviation Administration.

Status of federal aviation regulations. — Washington, D.C. : U.S. Dept. of Transportation, Federal Aviation Administration, [1982]

11 p. in various pagings ; 28 cm. — (Advisory circular ; AC 00-44 T) Caption title. "11/15/82." Cancels AC 00-44S, dated May 14, 1982. ●Item 431-A-27

1. Aeronautics — Safety regulations — United States. I. Title. II. Series: United States. Federal Aviation Administration. Advisory circular ; AC 00-44 T. OCLC 09293412

83-12161

TD 4.8/5:20-117

United States. Federal Aviation Administration.

Hazards following ground deicing and ground operations in conditions conducive to aircraft icing. — Washington, D.C. : U.S. Dept. of Transportation, Federal Aviation Administration, [1982]

37 p. in various pagings : ill. ; 28 cm. — (Advisory circular ; AC no. 20-117) Caption title. "12/17/82." Includes bibliographical references. ●Item 431-A-27

1. Airplanes — Ice prevention. I. Title. II. Series: United States. Federal Aviation Administration. Advisory circular ; AC 20-117. OCLC 09097817

83-12162

TD 4.8/5:25.1309-1

United States. Federal Aviation Administration.

System design analysis. — Washington, D.C. : U.S. Dept. of Transportation, Federal Aviation Administration, [1982]

13 p. in various pagings ; 28 cm. — (Advisory circular ; AC no. 25.1309-1) Cover title. "9/7/82." ●Item 431-A-27

1. Aeronautics — United States — Systems engineering. 2. Aeronautics — Safety regulations — United States.. I. Title. II. Series: United States. Federal Aviation Administration. Advisory circular ; AC 25.1309-1. OCLC 08947170

83-12163

TD 4.8/5:39-7 A

United States. Federal Aviation Administration.

Airworthiness directives for general aviation aircraft. — Washington, D.C. : U.S. Dept. of Transportation, Federal Aviation Administration, 1982.

4 p. ; 28 cm. — (Advisory circular ; AC no. 39-7 A) Caption title. "9/17/82." Cancels AC 39-7, dated 7/10/79. ●Item 431-A-27

1. Airplanes — Airworthiness. I. Title. II. Series: United States. Federal Aviation Administration. Advisory circular ; AC 39-7 A. OCLC 08998560

83-12164

TD 4.8/5:90-42 C

United States. Federal Aviation Administration.

Traffic advisory practices at uncontrolled airports. — Washington, D.C. : U.S. Dept. of Transportation, Federal Aviation Administration, 1983.

7 p. ; 28 cm. — (Advisory circular ; AC 90-42 C) Caption title. "11/19/82." Cancels Advisory circular AC 90-42B, dated January 25, 1980. ●Item 431-A-27

1. Airports — United States — Traffic control. 2. Airports — United States — Control towers. I. Title. II. Series: United States. Federal Aviation Administration. Advisory circular ; AC 90-42 C. OCLC 09168171

83-12165

TD 4.8/5:90-43 E

United States. Federal Aviation Administration.

Operations reservations for high density traffic airports (HDTAs). — Washington, D.C. : U.S. Dept. of Transportation, Federal Aviation Administration, 1982.

4 p. ; 28 cm. — (Advisory circular ; AC no. 90-43 E) Caption title. "Sept. 28, 1982." Cancels advisory circular 90-43D, dated July 20, 1977. ●Item 431-A-27

1. Airports — United States — Traffic control. I. Title. II. Series: United States. Federal Aviation Administration. Advisory circular ; AC 90-43 E. OCLC 09033156

83-12166

TD 4.8/5:150/5230-4

United States. Federal Aviation Administration.

Aircraft fuel storage, handling, and dispensing on airports. — Washington, D.C. : U.S. Dept. of Transportation, Federal Aviation Administration, 1982.

1 v. (various pagings) : ill., forms ; 28 cm. — (Advisory circular ; AC no. 150/5320-4) Caption title. "8/27/82." Includes bibliographical references. ●Item 431-A-27

1. Airplanes — Fuel — Storage. 2. Airports — United States — Safety measures. 3. Airports — United States — Fires and fire prevention. I. Title. II. Series: United States. Federal Aviation Administration. Advisory circular ; AC 150/5230-4. OCLC 08922871

83-12167

TD 4.8/5:150/5340-26

United States. Federal Aviation Administration.

Maintenance of airport visual aid facilities. — Washington, D.C. : U.S. Dept. of Transportation, Federal Aviation Administration, 1982.

1 v. (varius pagings) : ill. ; 28 cm. — (Advisory circular ; AC 150/5340-26) Cover title. "8/26/82." Cancels AC 150/5340-22, dated 4/20/71. ●Item 431-A-27

1. Airports — United States — Lighting. 2. Airports — United States — Equipment and supplies. 3. Airports — United States — Maintenance and repair. I. Title. II. Series: United States. Federal Aviation Administration. Advisory circular ; AC 150/5340-26. OCLC 09036455

83-12168

TD 4.10/3:983/ind.

United States. Federal Aviation Administration.

Federal aviation regulations. Part 39, Airworthiness directives. [Washington, D.C.] : Dept. of Transportation, Federal Aviation Administration ; Oklahoma City, Okla. : for sale by DOT, FAA Aeronautical Center, DOT, FAA Aeronautical Center (consigned agent for Supt. of Docs.), Box 25461, Oklahoma City, OK 73125, Attn: AAC-23

v. : ill. ; 28 cm.

Annual Publication consists of 2 vols.: v. 1. Summary of airworthiness directives for small aircraft, classed TD 4.10/2: ; and v. 2. Summary of airworthiness directives for large aircraft, classed TD 4.10/3: Contents: v. 2, book 2. Summary indexes. Vol. 2, book 2. Description based on: Jan. 1980, v. 1-2. Updated by continuing supplementary material and cumulated irregularly. ISSN 0276-1785

1. Airplanes — Airworthiness — Periodicals. 2. Aeronautics — Law and legislation — United States — Periodicals. I. Title. TL671.1.U65a 81-640689 //r82 629.134/3/05 OCLC 04021147

83-12169

TD 4.32/8:80-47

Laboratory measurements of photolytic parameters for formaldehyde / G.K. Moortgart ... [et al.]. — Washington, D.C. : U.S. Dept. of Transportation, Federal Aviation Administration, Office of Environment and Energy ; Springfield, Va. : National Technical Information Service [distributor, 1980]

1 v. (various pagings) : ill. ; 28 cm. "Max-Planck-Institut fuer Chemie (Otto-Hahn-Institut)." "November 1980"—Cover. Bibliography: p. 15. Contract no. DOT/FA78-WA-4264. "FAA-EE-80-47"—Cover. ●Item 431-A-20 (microfiche)

1. Formaldehyde. 2. Atmospheric chemistry. I. Moortgart, G. K. II. United States. Federal Aviation Administration. Office of Environment and Energy. III. Max-Planck fur Chemie (Otto-Hahn-Institut) OCLC 09257576

83-12170

TD 4.32/18:81-6

Commuter Air Carrier Symposium (2nd : 1980 : Washington, D.C.)

Second Commuter Air Carrier Symposium, January 15-16, 1980. — Washington, D.C. : U.S. Dept. of Transportation, Federal Aviation Administration, 1981.

165, [65] p. : ill. ; 28 cm. Cover title. "FAA-ASF-300-81-6." ●Item 431-A-41 (microfiche)

1. Air lines, Local service — United States — Congresses. 2. Aeronautics — Safety measures — Congresses. I. United States. Federal Aviation Administration. II. Title. OCLC 09299321

83-12171

TD 4.41:981

United States. Federal Aviation Administration.

Annual financial report. Washington, D.C. : U.S. Dept. of Transportation, Federal Aviation Administration, Dept. of Transportation, Federal Aviation Administration, 800 Independence Ave., S.W., Washington, D.C. 20591

v. : ill. ; 22 x 28 cm.

Annual

Began with 1976. Title from cover. Description based on: Fiscal year 1980. Report covers fiscal year 1981. ●Item 431-C-24 (microfiche) Continues: United States. Federal Aviation Administration. Financial report

1. United States. Federal Aviation Administration — Appropriations and expenditures — Periodicals. 2. Aeronautics — United States — Periodicals. I. Title. OCLC 04125582

83-12172

TD 4.57:81-3

Keech, Ward L.

Economic values for evaluation of Federal Aviation Administration investment and regulatory programs / Ward L. Keech. — Washington, D.C. : U.S. Dept. of Transportation, Federal Aviation Administration, Office of Aviation Policy and Plans ; Springfield, Va. : National Technical Information Service [distributor], 1982.

iii, 74 p. : ill. ; 28 cm. Cover title. "September 1981." Includes bibliographical references. "FAA-APO-81-3." ●Item 431-C-27 (microfiche)

1. United States. Federal Aviation Administration — Safety measures — Cost effectiveness. 2. Aeronautics — United States — Safety measures — Cost effectiveness. 3. Aeronautics — Safety regulations — United States. I. United States. Office of Aviation Policy and Plans. II. Title. OCLC 09314533

## SYSTEMS RESEARCH AND DEVELOPMENT SERVICE
## Transportation Dept.
## Washington, DC 20590

83-12173

TD 4.509:79-10

Investigation of stable atmospheric stratification effect on the dynamics of descending vortex pairs / A.M. Hecht ... [et al.] ; prepared for U.S. Department of Transportation, Federal Aviation Administration, Systems Research and Development Service. — Washington, DC : The Service ; Springfield, Va. : National Technical Information Service [distributor], 1979.

xiv, 119 p. : ill. ; 28 cm. "Final report." "February 1979." "Aeronautical Research Associates of Princeton, Inc." Includes bibliographical references. Contract no.: DOT-TSC-1488. "Report no. FAA-RD-79-10." ●Item 431-B-5

1. Airplanes — Landing. 2. Atmospheric turbulence. 3. Wakes (Aerodynamics) 4. Vortex-motion. I. Hecht, A. M. (Art M.) II. United States. Federal Aviation Administration. Systems Research and Development Service. III. Aeronautical Research Associates of Princeton. OCLC 09014223

83-12174

TD 4.509:81/36

Design study report for general aviation LORAN-C receiver. — Washington, D.C. : U.S. Dept. of Transportation, Federal Aviation Administration, Systems Research & Development Service ; Springfield, Va. : National Technical Information Service [distributor], 1981.

1 v. (various pagings) : ill., maps ; 28 cm. Cover title. "Teledyne Systems Company"—1st prelim. p. "Final report." "May 1981." Includes bibliographical references. Contract no. DTFA01-80-C-10108. "DOT/FAA/RD-81/36." ●Item 431-B-5 (microfiche)

1. Loran. 2. Navigation (Aeronautics) I. United States. Federal Aviation Administration. Systems Research and Development Service. II. Teledyne Systems Company. OCLC 07807807

83-12175

TD 4.509/2:77-13

Wilcox, R. W.

Ozone concentration by latitude, altitude, and month, near 80°W / by R.W. Wilcox and A.D. Belmont ; prepared for U.S. Department of Transportation, Federal Aviation Administration, Office of Environmental Quality, High Altitude Pollution Program. — Washington, D.C. : The Program, [1977]

1 v. (various pagings) : ill. ; 28 cm. "Control Data Corporation"—1st prelim. p. "August 1977." Bibliography: p. 5 Contract no.: DOT-FA77WA-3999. "Rep. no. FAA-AEQ-77-13." ●Item 431-B-6 (microfiche)

1. Atmospheric ozone — United States. 2. Ozone. I. Belmont, A. D. II. High Altitude Pollution Program (U.S.) III. Control Data Corporation. IV. Title. OCLC 08105277

## CIVIL AVIATION SECURITY SERVICE
## Transportation Dept.
## Washington, DC 20591

83-12176

TD 4.802:Ai 7

National Conference on Air Transportation Hazardous Materials Safety (1st : 1980 : Silver Spring, Md.)

Report of the first National Conference on Air Transportation Hazardous Materials Safety, December 3-5, 1980, Holiday Inn Conference Center, Silver Spring, Maryland / pre-

pared by U.S. Department of Transportation, Federal Aviation Administration, Office of Civil Aviation Security. — Washington, D.C. : The Office, [1980]

1 v. (various pagings) : ill. ; 28 cm. Cover title. ●Item 431-N-03 (microfiche)

1. Hazardous substances — United States — Transportation — Congresses. I. United States. Office of Civil Aviation Security. II. Title. OCLC 09299220

## COAST GUARD
## Transportation Dept.
## Washington, DC 20590

**83-12177**

**TD 5.2:B 76/pacific/982**

Bridges over navigable waters of the United States : Pacific Coast / U.S. Department of Transportation, United States Coast Guard. — [Washington, D.C.] : The Guard, [1982?]

73 p. ; 28 cm. — (COMDTINST ; M 16590.4) Cover title. Cancels CG-425-4. ●Item 934 (microfiche)

1. Bridges — Pacific Coast (North America) I. United States. Coast Guard. II. Series. 82-603070 OCLC 08964951

**83-12178**

**TD 5.4/3:53**

"Sole cost and expense." — Washington, D.C. : Dept. of Transportation, Coast Guard, 1982.

14 p. ; 28 cm. — (Boating safety circular ; 53) Caption title. "November 1982." ●Item 941-B

1. Boating industry — United States. 2. Boats and boating — Safety regulations — United States. I. United States. Coast Guard. II. Series. OCLC 09284900

**83-12179**

**TD 5.19:980**

United States. Coast Guard.

Register of officers / Department of Transportation, Coast Guard. Washington, D.C. : The Coast Guard, U.S. Coast Guard (G-PO-3), Washington, D.C. 20593

v. ; 27 cm.

Annual

Began with 1 July 1976. "CG 111"—1976-1977. "COMDTINST M1427.1B." 1 July 1980. Description based on: 1 July 1981. ●Item 942 (microfiche) ISSN 0364-8753 Continues: United States. Coast Guard. Register of officers and cadets ISSN 0095-2818

1. United States. Coast Guard — Officers — Registers. I. Title. VG53.U53c 76-648418 //r82 359.9/7 OCLC 02671762

**83-12180**

**TD 5.21/6:982**

United States. Coast Guard.

Directives, publications, reports index / U.S. Department of Transportation, United States Coast Guard. [Washington, D.C.] : The Coast Guard, 1982- Commandant (G-CMA), U.S. Coast Guard, Washington, DC 20593

v. ; 28 cm. (COMDTNOTE ; 5600)

Semiannual

1 Oct. 1981- Spine title: Directives, publications and reports index Oct. 1981- Title from cover. Oct. 1982. ●Item 931-A-12 Main series: COMDNOTE Continues: United States. Coast Guard. Directives, publications and reports index

1. United States. Coast Guard — Bibliography — Periodicals. I. Title. II. Series. OCLC 08843159

**83-12181**

**TD 5.25/2:06-82**

Simulators for mariner training and licensing : phase 2 : investigation of simulator-based training for maritime cadets / prepared for U.S. Department of Commerce ; United States Maritime Administration, Office of Research and Development and U.S. Department of Transportation ; United States Coast Guard, Office of Research and Development. — Washington, D.C. : The Development ; Springfield, Va. : National Technical Information Service [distributor], 1982.

1 v. (various pagings) : ill., maps ; 28 cm. Cover title. "October 1981." "National Maritime Research Center"—1st prelim. p. Bibliography: p. C-1. "CAORF50-7915-01." "CG-D-06-82." ●Item 931-A-3 (microfiche)

1. Merchant seamen — Training of — United States. I. United States. Dept. of Commerce. II. United States. Maritime Administration. Office of Research and Development. III. United States. Dept. of Transportation. IV. United States. Coast Guard. Office of Research and Development. V. National Maritime Research Center. OCLC 09319550

## URBAN MASS TRANSPORTATION ADMINISTRATION
## Transportation Dept.
## Washington, DC 20590

**83-12182**

**TD 7.2:C 63/978**

Baseline advanced design transit coach specifications : a guideline procurement document for new 35- and 40-foot coach designs / Department of Transportation, Urban Mass Transportation Administration. — Washington, D.C. : The Administration, [1978]

1 v. (various pagings) : ill., forms ; 28 cm. Cover title. "November, 1978." ●Item 982-H-2 (microfiche)

1. Buses — Equipment and supplies — Specifications — United States. I. United States. Urban Mass Transportation Administration. OCLC 07818203

**83-12183**

**TD 7.2:T 68/15/981**

United States. Urban Mass Transportation Administration. Office of Transit Assistance.

Summary of UMTA's transit assistance program / prepared by: Office of Transit Assistance. Washington, D.C. : U.S. Dept. of Transportation, Urban Mass Transportation Administration, U.S. Dept. of Transportation, Urban Mass Transportation Administration, Office of Transit Assistance, Washington, D.C., 20590

v. ; 29 cm. Description based on: FY 1980. Report covers fiscal year 1981. ●Item 982-H-2 (microfiche) ISSN 0277-5859

1. United States. Urban Mass Transportation Administration — Periodicals. 2. Federal aid to transportation — United States — Periodicals. 3. Local transit — United States — Finance — Periodicals. Key Title: Summary of UMTA's transit assistance program I. Title. HE308.U565b 81-642240 338.4/042 OCLC 07582973

**83-12184**

**TD 7.8:In 2/2**

Urban mass transportation industry uniform system of accounts and records and reporting system : level C reporting manual and sample forms. — Washington, DC : Dept. of Transportation, Urban Mass Transportation Administration, Planning, Management and Demonstrations, Office of Transit Management, [1981?]

1 v. (various pagings) : forms ; 28 cm. Cover title. ●Item 982-H-3 (microfiche)

1. Local transit — United States — Accounting. 2. Urban transportation — United States — Accounting. I. United States. Urban Mass Transportation Administration. Office of Transit Management. OCLC 09314931

**83-12185**

**TD 7.11:MA-06-0049-82-11**

Postal bus feasibility study : final report / U.S. Department of Transportation, Urban Mass Transportation Administration. — [Washington, D.C.] : The Administration : [Available through Supt. of Docs., U.S. G.P.O.], 1982.

1 v. (various pagings) : ill. ; 28 cm. — (UMTA/TSC project evaluation series) Cover title. "Multisystems"—1st prelim. p. "Service and Management Demonstrations Program." "September 1982." Includes bibliographical references. Contract no. DOT-TSC-1756. "UMTA-MA-06-0049-82-11." "DOT-TSC-UMTA-82-31." ●Item 982-I-5

1. Postal service — United States — Transportation, Automotive. 2. Star routes. I. United States. Urban Mass Transportation Administration. II. Multisystems, inc. III. Series. OCLC 08980219

## NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
## Transportation Dept.
## Washington, DC 20590

**83-12186**

**TD 8.2:B 74/6**

Macdonald, Donald, 1925-

Report on a national study of preliminary breath test (PBT) and illegal per se laws : effectiveness of PBT & IPS laws / Donald Macdonald, Marvin Wagner. — [Washington, D.C.?] : U.S. Dept. of Transportation, National Highway Traffic Safety Administration ; Springfield, Va. : National Technical Information Service [distributor, 1981]

1 v. (various pagings) ; 28 cm. Cover title. "Final report." "Science Applications, Inc"—1st prelim. p. "August 1981." Contract no. DTNH22-80-C-05000. "DOT HS-806-048." ●Item 982-B-1 (microfiche)

1. Drunk driving — United States. 2. Traffic violations — United States. I. Wagner, Marvin. II. United States. National Highway Traffic Safety Administration. III. Science Applications, inc. IV. Title. OCLC 07913997

**83-12187**

**TD 8.2:C 69/4/interim**

McHenry, Raymond R.

Research input for computer simulation of automobile collisions : interim report / Raymond R. McHenry, James P. Lynch, David J. Segal ; prepared for U.S. Department of Transportation, National Highway Traffic Safety Administration. — Washington. D.C. : The Administration ; Springfield, Va. : National Technical Information Service [distributor, 1977]

vii, 108 p. : ill., forms ; 28 cm. Cover title. "Calspan Corporation." "June 1977." Includes bibliographical references. "Contract No. DOT HS-7-01511." "DOT HS-805 046." ●Item 982-D-1 (microfiche)

1. Traffic accidents — United States — Data processing. 2. Computer simulation. I. Lynch, James P. II. Segal, David J. III. United States. National Highway Traffic Safety Administration. IV. Calspan Corporation. V. Title. OCLC 05754428

**83-12188**

**TD 8.2:Sa 1/24/v.1**

Henson, Susan E.

Safety systems optimization model / Susan E. Henson ; prepared for U.S. Department of Transportation, National Highway Traffic Safety Administration. — Washington, D.C. : The Administration ; Springfield, Va. : National Technical Information Service [distributor, 1978-

v. : ill. ; 28 cm. Cover title. "Final report." "Ford Motor Company, Automotive Safety Office." "November 1978." Includes bibliographical references. Contents: v. 1. Introduction and executive summary. "Contract no. DOT HS-6-01446." "DOT HS-804 771."

1. Traffic accident investigation — United States. 2. Traffic accidents — United States — Data processing. 3. Motor vehicles — United States — Design and construction. I. United States. National Highway Traffic Safety Administration. II. Ford Motor Company. Automotive Safety Office. III. Title. OCLC 05835634

**83-12189**

**TD 8.2:Sa 1/26/mod.3**

McLean, R. F.

Study of the effects of applying federal motor vehicle safety standards 203 and 204 to light trucks and vans : modification no. 3 / Robert F. McLean ; prepared for U.S. Department of Transportation, National Highway Traffic Safety Administration. — Washington, D.C. : The Administration ; Springfield, Va. : National Technical Information Service [distributor, 1979]

[33] p. in various pagings : ill. ; 28 cm. Cover title. "John Z. De Lorean Corporation, Research and Engineering Division, DMC." "Final report." "May 1979." "Contract no. DOT-HS-7-01770." "DOT HS-805-163." ●Item 982-D-1 (microfiche)

1. Trucks. 2. Traffic safety — United States. I. United States. National Highway Traffic Safety Administration. II. John Z. De Lorean Corporation. Research and Engineering Division. III. Title. OCLC 05904928

**83-12190**

**TD 8.2:Sy 6**

Symposium on Traffic Safety Effectiveness (Impact) Evaluation Projects (1981 : Chicago, Ill.)

Symposium on Traffic Safety Evaluation (Impact) Evaluation Projects / T.W. Planek ... [et al.]. — [Washington, D.C.?] : U.S. Dept. of Transportation, National Highway Traffic Safety Administration ; Springfield, Va. : National Technical Information Service [distributor, 1981]

66 p. in various pagings : forms ; 28 cm. Cover title. "National Safety Council." "Final report." "August 1981." Bibliography: p. 26. "Contract no. DTNH22-80-C-05164." "DOT HS-806-050." ●Item 982-D-1 (microfiche)

1. Traffic safety — United States — Congresses. I. Planek, Thomas W. II. United States. National Highway Traffic Safety Administration. III. National Safety Council. IV. Title. OCLC 07914854

83-12191

TD 8.6:M 85/2/982

Federal motor vehicle safety standards and procedures for customs declaration and certification of imported motor vehicles / U.S. Department of Transportation, National Highway Traffic Safety Administration. — Rev. Sept. 1982. — [Washington, D.C.] : The Administration, [1982]

21 p. ; 23 x 10 cm. Cover title. "DOT HS 805 674"—P. [4] of cover. ●Item 982-D-3

1. Transportation, Automotive — Law and legislation — United States. 2. Motor vehicles — Standards — Law and legislation — United States. I. United States. National Highway Traffic Safety Administration. OCLC 09286005

83-12192

TD 8.6/2:980

United States. National Highway Traffic Safety Administration.

Federal motor vehicle safety standards and regulations : with amendments and interpretations issued through December 1980. — [Washington, D.C.] : U.S. Dept. of Transportation, National Highway Safety Administration, 1982.

1 v. (loose-leaf) : ill. ; 28 cm. Cover title. Loose-leaf for updating. G.P.O. sales statement incorrect in publication. Includes bibliographical references. ●Item 982-D-3

1. Motor vehicles — Standards — Law and legislation — United States. I. Title. OCLC 09306116

83-12193

TD 8.8:M 85/4/ vi

Driver improvement system for traffic violators / U.S. Department of Transportation, National Highway Traffic Safety Administration in cooperation with American Association of Motor Vehicle Administrators. — [Washington, D.C.?] : The Administration, [1982]

v, 52 p. : ill. ; 23 cm. — (Guidelines for motor vehicle administrators) "November 1982"—P. [4] of cover. Bibliography: p. 49-52. "DOT HS 806 284"—P. [4] of cover.

1. Traffic safety — United States. 2. Traffic violations — United States. I. United States. National Highway Traffic Safety Administration. II. American Association of Motor Vehicle Administrators. III. Series. OCLC 09169913

83-12194

TD 8.8:Oc 1/2

A Guide to the occupant restraint A-V kit : draft. — Washington, D.C. : U.S. Dept. of Transportation, National Highway Traffic Safety Administration, [1981]

1 v. (various pagings) : ill. ; 28 cm. "September 1981." ●Item 982-D-3 (microfiche)

1. Automobiles — United States — Safety appliances. 2. Automobiles — United States — Safety measures. I. United States. National Highway Traffic Safety Administration. OCLC 09293442

83-12195

TD 8.8:Sa 1/9

Manual to assist U.S. government agencies in conducting safety belt use programs / prepared by the U.S. Department of Transportation, National Highway Traffic Safety Administration in cooperation with the U.S. Department of Labor, Occupational Safety and Health Administration. — [Washington, D.C.?] : National Highway Traffic Safety Administration, 1982.

1 v. (various pagings) : ill., forms ; 28 cm. Cover title. Includes bibliographical references. ●Item 982-D-3

1. Automobiles — United States — Seat belts. 2. Automobiles — United States — Safety measures. 3. Traffic safety — United States. I. United States. National Highway Traffic Safety Administration. II. United States. Occupational Safety and Health Administration. OCLC 09169935

83-12196

TD 8.13:H 53

List of publications reviewed for highway safety literature. — Washington, D.C. : Dept. of Transportation, National Highway Traffic Safety Administration, [1980]

19 p. ; 28 cm. "April 1980." ●Item 982-D-14 (microfiche)

1. Traffic safety — United States — Bibliography. I. United States. National Highway Traffic Safety Administration. OCLC 09274937

83-12197

TD 8.29:78-36

Hooven, Frederick J.

The potential for automobile weight reduction outlook as of 1975-1976 / by Frederick J. Hooven, Francis E. Kennedy, Jr. — Washington, D.C. : U.S. Dept. of Transportation, National Highway Traffic Safety Administration, Office of Research and Development ; Springfield, Va. : National Technical Information Service [distributor, 1978]

xii, 204 p. : ill. ; 28 cm. "August 1978." "Final report." Includes bibliographical references. Contract no. DOT-TSC-996. "HS-803-341." "Report nos. DOT-TSC-NHTSA-78-36." ●Item 982-D-30 (microfiche)

1. Automobiles — Weight. 2. Automobiles — Design and construction. I. Kennedy, Francis E. II. United States. National Highway Traffic Safety Administration. Office of Research and Development. III. Title. OCLC 04359189

## MARITIME ADMINISTRATION
## Transportation Dept. Washington, DC 20590

83-12198

TD 11.8:Se 1

United States. Maritime Administration.

Seafaring guide & directory of labor management affiliations. — Washington, D.C. : U.S. Dept. of Transportation, Maritime Administration : For sale by the Supt. of Docs., U.S. G.P.O., 1982.

v, 58 p. ; 22 cm. "December 1982." ●Item 235-B S/N 050-015-00005-0 @ GPO $4.50

1. Merchant seamen — United States — Societies, etc. 2. Collective labor agreements — Merchant marine — United States. 3. Merchant marine — United States — Directories. I. Title. II. Title: Seafaring guide and directory of labor management affiliations. OCLC 09176743

83-12199

TD 11.11:982-2

Vessel inventory report / U.S. Dept. of Commerce, Maritime Administration. [Washington, D.C.] : The Administration, 1976- U.S. Dept. of Transportation, Maritime Administration, Office of Trade Studies and Statistics, Division of Statistics, Washington, D.C., 20590

v. ; 27 cm.

Semiannual

June 30, 1976- Vols. prior to June 30, 1981 classed in: C 39.217: June 30, 1982. Vol. for Dec. 31, 1977 called Dec. 31, 1978; vol. for Dec. 31, 1978 not published. Vols. for June 30, 1976- prepared by Maritime Administration, Office of Subsidy Administration; ⟨June 30, 1980-⟩ by Maritime Administration, Office of Trade Studies and Statistics, Division of Statistics. Vols. for ⟨Dec. 31, 1977-⟩ issued by Maritime Administration, Office of Trade Studies and Statistics, Division of Statistics. ●Item 236-F (microfiche) ISSN 0735-2220 Continues: Vessel inventory report : United States flag, dry cargo and tanker fleets, 1,000 gross tons and over

1. Ship registers — United States — Periodicals. I. United States. Maritime Administration. II. United States. Maritime

Administration. Office of Subsidy Administration. III. United States. Maritime Administration. Office of Trade Studies and Statistics. Division of Statistics. sc-82008102 OCLC 05000743

## VETERANS ADMINISTRATION
## Washington, DC 20420

**83-12200**

**VA 1.10:P 27/2**

Veterans Administration West Side Medical Center (Chicago, Ill.)

Patient guide : V.A. Medical Center, Westside. — [Chicago, Ill.] : The Center, 1982.

[20] p. ; 21 cm. Cover title. ●Item 987

1. Veterans Administration West Side Medical Center (Chicago, Ill.) I. Title. OCLC 09310338

**83-12201**

**VA 1.10/5:08-2**

United States. Veterans Administration. Office of Construction.

Handbook for resident engineers. — Washington, D.C. : Veterans Administration, Office of Construction, 1981.

vii, 122, [16] p. : ill., forms ; 28 cm. — (VA handbook ; H-08-2) Cover title. "July 31, 1981." ●Item 987

1. Construction industry — Management. 2. Building trades — Handbooks, manuals, etc. 3. United States. Veterans Administration. I. Title. II. Series: United States. Veterans Administration. VA handbook ; H-08-2. OCLC 09301434

**83-12202**

**VA 1.19:05-68**

United States. Veterans Administration.

Master agreement between the Veterans Administration and the American Federation of Government Employees. — Washington, DC : Veterans Administration, 1982.

ii, 78 p. ; 21 cm. — (VA pamphlet ; 05-68) Cover title. "August 1982." ●Item 988

1. United States. Veterans Administration — Officials and employees. 2. Collective bargaining — Government employees — United States. I. American Federation of Government Employees. II. Title. III. Series. OCLC 09289816

**83-12203**

**VA 1.19:27-82-2**

A Summary of Veterans Administration benefits. — Washington, D.C. : Veterans Administration, Dept. of Veterans Benefits, [1982]

26 p. ; 23 x 11 cm. — (VA pamphlet ; 27-82-2) "April 1982." ●Item 988

1. Pensions, Military — United States. 2. Veterans — Education — United States. 3. Veterans — Employment — United States. 4. Veterans — Loans — United States. 5. Veterans — Medical care — United States. I. United States. Dept. of Veterans Benefits. II. Series. OCLC 09277034

**83-12204**

**VA 1.20/4:2/6**

United States. Veterans Administration.

VA catalog of recurring publication code numbers / Veterans Administration. Washington, D.C. : Administrative Services, Veterans Administration, Administrative Services, Washington, D.C. 20420

v. ; 28 cm. (VA catalog ; no. 2)

Semiannual Title from cover. July 1982. Description based on: Jan. 1980. Vols. for (July 1982-) issued by Veterans Administration, Office of Administration. ●Item 983-A-1 (microfiche) Main series: United States. Veterans Administration. VA catalog

1. United States. Veterans Administration — Bibliography — Catalogs. I. United States. Veterans Administration. Administrative Services. II. United States. Veterans Administration. Office of Administration. III. Title. IV. Series: United States. Veterans Administration. VA catalog ; no. 2. OCLC 06582468

**83-12205**

**VA 1.22:04-81-7**

Statistical publications. — [Washington, D.C.?] : Veterans Administration, Office of the Controller, Reports and Statistics Service, 1981.

ii, 13 p. ; 28 cm. — (IB ; 04-81-7) "April 1981." ●Item 986-A

1. Veterans, Disabled — United States — Statistics. 2. Veterans — United States — Statistics. 3. United States. Veterans Administration. I. United States. Veterans Administration. Reports and Statistics Service. II. Series: Information bulletin (United States. Veterans Administration) ; IB 04-81-7. OCLC 09247285

**83-12206**

**VA 1.22:18-1**

Standard procedures and general conditions for state home grant projects. — Washington, D.C. : Veterans Administration, [1979]

[103] p. ; 28 cm. — (IB ; 18-1) Cover title. "May 24, 1979." ●Item 986-A (microfiche)

1. Grants-in-aid — Models. 2. Federal aid to health facilities — United States — Models. I. United States. Veterans Administration. II. Series: Information bulletin (United States. Veterans Administration) ; IB 18-1. OCLC 09247484

**83-12207**

**VA 1.22:90-3**

Hearing aids. — Rev. March 1982. — Washington, D.C. : Veterans Administration. Office of Procurement and Supply, [1982]

[8] p. ; 21 cm. — (Information bulletin ; 90-3) Cover title. ●Item 986-A

1. Hearing aids — United States — Evaluation. I. United States. Veterans Administration. Office of Procurement and Supply. II. Series: Information bulletin (United States. Veterans Administration) ; IB 90-3. OCLC 09246645

**83-12208**

**VA 1.22:90-4**

Could you use a multimillion dollar customer : VA invites you to submit your product or service. — Washington, DC : Veterans Administration, Office of Procurement and Supply, [1982]

7 p. ; 21 cm. — (Information bulletin ; 90-4) Cover title. "June 1982"—P. [4] of cover. ●Item 986-A

1. United States. Veterans Administration. 2. Government purchasing — United States. I. United States. Veterans Administration. Office of Procurement and Supply. II. Series: Information bulletin (United States. Veterans Administration) ; IB 90-4. OCLC 09244623

**83-12209**

**VA 1.23/4:981**

Annual report, exchange of medical information program. [Washington, D.C.?] : Veterans Administration, Dept. of Medicine and Surgery, Office of Academic Affairs, Veterans Administration, Dept. of Medicine and Surgery, Office of Academic Affairs, 810 Vermont Ave., Washington, D.C. 20420

v. ; 28 cm.

Annual Cover title: Exchange of medical information program annual report (1979-) Title varies slightly. Descrip-

tion based on: Fiscal year 1980. Report covers fiscal year 1981. ●Item 983-A-2 (microfiche)

. 1. Communication in medicine — United States — Periodicals. 2. United States. Veterans Administration. Dept. of Medicine and Surgery — Periodicals. I. United States. Veterans Administration. Office of Academic Affairs. R118.U56a 80-645321 //r82 353.0084/1 OCLC 06280827

**83-12210**

**VA 1.55:8**

United States. Veterans Administration. Inspector General.

Semi-annual report ... of the Inspector General : made pursuant to section 5(a), Public Law 95-452, Inspector General Act of 1978 / Veterans Administration. [Dept. ed.] Washington, D.C. : Office of Inspector General, Veterans Administration, Office of Inspector General, Washington, D.C. 20420

v. ; 28 cm.

Semiannual Title from cover. 8, Apr. 1, 1982-Sept. 30, 1982. Description based on: 4 (Apr. 1, 1980-Sept. 30, 1980) ●Item 983-A-3 Other editions available: United States. Veterans Administration. Inspector General. Semi-annual report of the Inspector General. Document edition ISSN 0273-0219

1. United States. Veterans Administration — Auditing and inspection — Periodicals. I. Title. OCLC 08685241

## CONGRESS

**83-12211**

**X.96/1:125/pt.28**

United States. Congress.

Congressional record : proceedings and debates of the Congress. Permanent ed. Washington : U.S. G.P.O., 1873- Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. : ill. ; 30 cm.

$26.00

43rd Congress (Mar. 4/26, 1873)- (Vol. 1- Issued for each session; the text is revised and rearranged from the daily edition. 96th Congress, 1st session, v. 125, pt. 28, Dec. 17, 1979 to Jan. 3, 1980. Beginning with the 80th Congress, Mar. 1947, a section, Daily digest, is included. Appendices issued for the 43d-83d Cong., 1st sess., 1873-1953. Indices: An index is issued for each session which includes History of bills and resolutions. Preceded by the Debates and proceedings in the Congress of the United States, 1st-18th Congress, 1st session; the Register of debates in Congress, 18th Congress, 2d session-25th Congress, 1st session; and the Congressional globe, 23d-42d Congress. ●Item 993, 993-A (microfiche) S/N 052-000-00632-5 Other editions available: United States. Congress. Congressional record Daily ed. ISSN 0363-7239 Other editions available: United States. Congress. Congressional record Biweekly ed. Other editions available: United States. Congress. Congressional record Microfilm ed.

1. Law — United States — Periodicals. 2. United States — Politics and government — Periodicals. I. Title. KF35 12-036438 //r563 328.73/02 OCLC 05058415

**83-12212**

**X 96-2:S.rp.1005**

United States. Congress. Senate. Committee on Energy and Natural Resources.

For the relief of Albert and Eulalia Rodriguez : report (to accompany S. 2261). — [Washington, D.C. : U.S. G.P.O., 1980]

8 p. ; 24 cm. — (Report / 96th Congress, 2d session, Senate ; no. 96-1005) Caption title. "September 30 ... 1980." ●Item 1008-C, 1008-D (microfiche)

1. Rodriguez, Albert. 2. Rodriguez, Eulalia. I. Title. II. Series: United States. Congress (96th, 2nd session : 1980). Senate. Report ; no. 96-1005. OCLC 09257810

**83-12213**

**X 96-2:Serial 13318**

[Congressional serial set]. Washington : U.S. G.P.O.,

SENATE DOCUMENTS. ... nos. 69-78, 96th Congress, 2nd session, v. 14, Miscellaneous documents, 1980. ●Item 996-C

OCLC 03888071

**83-12214**

**X 96-2:Serial 13382**

[Congressional serial set]. Washington : U.S. G.P.O.,

HOUSE REPORTS. ... nos. 1485-1541, 96th Congress, 2d session, v. 24, Miscellaneous reports, 1980. ●Item 1008-E

OCLC 03888071

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Senate documents are available from the Senate Document Room unless otherwise indicated.

**83-12215**

**Y 1.1/3:97-11**

Baker, Howard H. (Howard Henry), 1925-

A Senate perspective on Spain and the Middle East : a report to the United States Senate / by Senator H. Baker, Jr. — Washington : U.S. G.P.O., 1981.

v, 32 p. ; 24 cm. — (Document / 97th Congress, 1st session, Senate ; no. 97-11) "June 1981." ●Item 996-A, 996-B (microfiche)

1. Near East — Politics and government — 1945- 2. Spain — Politics and government — 1975- I. Title. II. Series: Senate document (United States. Congress (97th, 1st session : 1981). Senate) ; no. 97-11. DS63.1.B35 81-602336 320.956 ¢2 19 OCLC 07721042

**83-12216**

**Y 1.1/3:97-20**

United States. Congress (97th, 1st session : 1981). Senate.

Enactment of a law : procedural steps in the legislative process. — [Rev. and enlarged ed.] / revised under the direction of William F. Hildenbrand by Robert B. Dove. — Washington : U.S. G.P.O., 1982.

iii, 41 p. ; 24 cm. — (Document / 97th Congress, 2d [i.e. 1st] session, Senate ; no. 97-20) "December 4 ... 1981." G.P.O. sales statement incorrect in publication. Includes bibliographical references. ●Item 996-A, 996-B (microfiche)

1. Legislation — United States. 2. United States. Congress — Rules and practice. I. Dove, Robert B. II. Title. III. Series: Senate document (United States. Congress (97th, 1st session : 1981). Senate) ; no. 97-20. OCLC 09296819

**83-12217**

**Y 1.1/3:97-37**

United States. President (1981- : Reagan)

Veto—S. 2577 : message from the President of the United States returning without my approval S. 2577, a bill to authorize appropriations for environmental research, development, and demonstration for the fiscal years 1983 and 1984, and for other purposes. — Washington : U.S. G.P.O., 1982.

10 p. ; 24 cm. — (Senate document ; no. 97-37) "October 22, 1982." ●Item 996-A, 996-B (microfiche)

1. United States. Environmental Protection Agency — Appropriations and expenditures. 2. Federal aid to research — United States. 3. Environmental policy — United States — Research. 4. Veto — United States. I. Reagan, Ronald. II. Title. III. Series: Senate document (United States. Congress (97th, 2nd session : 1982). Senate) ; no. 97-37. OCLC 09265708

## SENATE TREATY DOCUMENTS

Senate documents are available from the Senate Document Room unless otherwise indicated.

**83-12218**

**Y 1.1/4:97-22**

Protocol to the North Atlantic Treaty on the Accession of Spain (1949). Protocols, etc., 1981 Dec. 10

Protocol to the North Atlantic Treaty on the Accession of Spain : message from the President of the United States transmitting a certified copy of the Protocol to the North Atlantic Treaty on the Accession of Spain signed in Brussels on December 10, 1981, on behalf of the United States and the other parties to the North Atlantic Treaty. — Washington : U.S. G.P.O., 1982.

vi, 2 p. ; 24 cm. — (Treaty doc. ; no. 97-22) "Referred to the Committee on Foreign Relations and ordered to be printed for the use of the Senate." "January 28, 1982." ●Item 996-A, 996-B (microfiche)

1. North Atlantic Treaty Organization. 2. Spain — National security. 3. Security, International. I. United States. President (1981- : Reagan) II. United States. Congress. Senate. Committee on Foreign Relations. III. United States. Protocol to the North Atlantic Treaty on the Accession of Spain (1949). Protocols, etc., 1981 Dec. 10. IV. Title. V. Series. OCLC 09278448

## SENATE REPORTS

Senate reports are available from the Senate Document Room unless otherwise indicated.

**83-12219**

**Y 1.1/5:97-540**

United States. Congress. Senate. Committee on Environment and Public Works.

Report of the Committee on Environment and Public Works pursuant to section 302(b) of the Congressional Budget Act of 1974 and section 9(b) (2) of Senate Concurrent Resolution 92 : report. — [Washington, D.C. : U.S. G.P.O., 1982]

3 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-540) Caption title. "September 10 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. United States. Congress — Resolutions. 2. Budget — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-540. OCLC 09321267

**83-12220**

**Y 1.1/5:97-556**

United States. Congress. Senate. Committee on Energy and Natural Resources.

Alben Barkley National Historic Site : report (to accompany S. 2279). — [Washington, D.C. : U.S. G.P.O., 1982]

4 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-556) Caption title. "September 20 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. Alben Barkley National Historic Site (Ky.) I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-556. OCLC 09244340

**83-12221**

**Y 1.1/5:97-566**

United States. Congress. Senate. Committee on Appropriations.

Agriculture, rural development and related agencies appropriation bill, 1983 : report (to accompany H.R. 7072). — [Washington, D.C. : U.S. G.P.O., 1982]

108 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-566) Caption title. "September 22 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. United States. Dept. of Agriculture — Appropriations and expenditures. 2. United States — Appropriations and expenditures, 1983. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-566. OCLC 09266580

**83-12222**

**Y 1.1/5:97-572**

United States. Congress. Senate. Committee on Appropriations.

Military construction appropriation bill, 1983 : report (to accompany H.R. 6968). — [Washington, D.C. : U.S. G.P.O., 1982]

83 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-572) Caption title. "September 22 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. United States — Armed Forces — Military construction operations. 2. United States. Dept. of Defense — Appropriations and expenditures. 3. United States — Appropriations and expenditures, 1983. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-572. OCLC 09266509

**83-12223**

**Y 1.1/5:97-573**

United States. Congress. Senate. Committee on Appropriations.

Legislative branch appropriations, 1983 : report (to accompany S. 2939). — [Washington, D.C. : U.S. G.P.O., 1982]

55 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-573) Caption title. "September 22 .... 1982." ●Item 1008-C, 1008-D (microfiche)

1. United States — Appropriations and expenditures, 1983. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-573. OCLC 09246136

**83-12224**

**Y 1.1/5:97-576**

United States. Congress. Senate. Committee on Finance.

The Educational Opportunity and Equity Act of 1982 : report together with additional views (to accompany H.R. 1635) (together with cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982]

24 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-576) Caption title. "September 23 .... 1982." Includes bibliographical references. ●Item 1008-C, 1008-D (microfiche)

1. Education — United States — Costs. 2. Education — United States — Finance. 3. Income tax — United States — Deductions — Expenses. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-576. OCLC 09246153

**83-12225**

**Y 1.1/5:97-580**

United States. Congress. Senate. Committee on Appropriations.

Department of Defense appropriation bill, 1983 : report (to accompany S. 2951). — [Washington, D.C. : U.S. G.P.O., 1982]

157 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-580) Caption title. "September 23 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. United States. Dept. of Defense — Appropriations and expenditures. 2. United States — Appropriations and expenditures, 1983. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; 97-580. OCLC 09266654

83-12226

Y 1.1/5:97-589

United States. Congress (97th, 2nd session : 1982). Senate.
Higher education amendments : conference report (to accompany S. 2852). — [Washington, D.C. : U.S. G.P.O., 1982]

15 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-589) Caption title. "September 27 ... 1982." ●Item 1008-C, 1008-D (microfiche)
1. Federal aid to higher education — United States. 2. Student aid — United States. 3. Scholarships — United States. 4. College costs — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-589. OCLC 09230442

83-12227

Y 1.1/5:97-590

United States. Congress. Senate. Committee on Energy and Natural Resources.
American Samoa Bond Authorization Act : report (to accompany S. 2632). — [Washington, D.C. : U.S. G.P.O., 1982]

5 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-590) Caption title. "September 27 ... 1982." ●Item 1008-C, 1008-D (microfiche)
1. Securities — American Samoa. 2. Bonds — American Samoa. 3. Securities, Tax-exempt — American Samoa. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; 97-590. OCLC 09271050

83-12228

Y 1.1/5:97-592

United States. Congress. Senate. Committee on Finance.
Technical Corrections Act of 1982 : report (to accompany H.R. 6056). — [Washington, D.C. : U.S. G.P.O., 1982]
59 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-592) Caption title. "September 27 ... 1982." ●Item 1008-C, 1008-D (microfiche)
1. Taxation — Law and legislation — United States. 2. Income tax — Law and legislation — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-592. OCLC 09275235

83-12229

Y 1.1/5:97-597

Subdivision of budget allocation : report. — [Washington, D.C. : U.S. G.P.O., 1982]
2 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-597) Caption title. "Committee on Armed Services." "September 29 .... 1982." ●Item 1008-C, 1008-D (microfiche)
1. United States. Congress. Senate. Committee on Armed Services — Appropriations and expenditures. 2. Budget — United States. 3. Fiscal policy — United States. I. United States. Congress. Senate. Committee on Armed Services. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-597. OCLC 09246450

83-12230

Y 1.1/5:97-598

United States. Congress. Senate. Committee on the Judiciary.
Dennis L. Dalton and James Edward Dalton : report (to accompany S. 596). — [Washington, D.C. : U.S. G.P.O., 1982]

6 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-598) Caption title. "September 29 ... 1982." ●Item 1008-C, 1008-D (microfiche)
1. Dalton, James Edward, 1975- 2. Dalton, Dennis L., 1949- I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-598. OCLC 09277614

83-12231

Y 1.1/5:97-599

United States. Congress. Senate. Committee on the Judiciary.
Carole Joy Maxfield-Raynor and Bruce Sherlock Maxfield-Raynor, wife and husband, and their children Charlton Bruce Maxfield-Raynor and Maxine Anne Maxfield-Raynor : report (to accompany S. 717). — [Washington, D.C. : U.S. G.P.O., 1982]
7 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-599) Caption title. "September 29 ... 1982." ●Item 1008-C, 1008-D (microfiche)
1. Maxfield-Raynor, Carole Joy, 1944- 2. Maxfield-Raynor, Bruce Sherlock, 1947- I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-599. OCLC 09311297

83-12232

Y 1.1/5:97-601

United States. Congress. Senate. Committee on the Judiciary.
Samuel Joseph Edgar : report (to accompany S. 1329). — [Washington, D.C. : U.S. G.P.O., 1982]
9 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-601) Caption title. "September 29 ... 1982." ●Item 1008-C, 1008-D (microfiche)
1. Edgar, Samuel Joseph, 1964- I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-601. OCLC 09278422

83-12233

Y 1.1/5:97-603

United States. Congress. Senate. Committee on the Judiciary.
Margit Liberda and her daughter, Veronika Koszegi : report (to accompany S. 2039). — [Washington, D.C. : U.S. G.P.O., 1982]
8 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-603) Caption title. "September 29 ... 1982." ●Item 1008-C, 1008-D (microfiche)
1. Liberda, Margit, 1919- 2. Koszegi, Veronika, 1958- I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-603. OCLC 09277660

83-12234

Y 1.1/5:97-604

United States. Congress. Senate. Committee on the Judiciary.
Kok Djen Su and Grace Su, husband and wife : report (to accompany S. 2103). — [Washington, D.C. : U.S. G.P.O., 1982]
6 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-604) Caption title. "September 29 ... 1982." ●Item 1008-C, 1008-D (microfiche)
1. Su, Kok Djen, 1952- 2. Su, Grace, 1955- I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-604. OCLC 09278381

83-12235

Y 1.1/5:97-605

United States. Congress. Senate. Committee on the Judiciary.
Carlos Mebrano Gatson : report (to accompany S. 2116). — [Washington, D.C. : U.S. G.P.O., 1982]
8 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-605) Caption title. "September 29 ... 1982." ●Item 1008-C, 1008-D (microfiche)
1. Gatson, Carlos Mebrano, 1913- I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-605. OCLC 09297745

83-12236

Y 1.1/5:97-608

United States. Congress. Senate. Committee on the Judiciary. Dr. Mahmooda Haquani : report (to accompany S. 372). — [Washington, D.C. : U.S. G.P.O., 1982]

5 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-608) Caption title. "September 29 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. Haquani, Mahmooda, 1932- I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-608. OCLC 09285204

83-12237

Y 1.1/5:97-609

United States. Congress. Senate. Committee on the Judiciary. Rosita A. Genio : report (to accompany S. 374). — [Washington, D.C. : U.S. G.P.O., 1982]

5 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-609) Caption title. "September 29 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. Genio, Rosita Alinea, 1952- I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-609. OCLC 09251250

83-12238

Y 1.1/5:97-611

United States. Congress. Senate. Committee on the Judiciary. Estrellita Tapang : report (to accompany S. 377). — [Washington, D.C. : U.S. G.P.O., 1982]

5 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-611) Caption title. "September 29 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. Tapang, Estrellita Tabacon, 1950- I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-611. OCLC 09251172

83-12239

Y 1.1/5:97-614

United States. Congress. Senate. Committee on the Judiciary. Kwok Tung Yu : report (to accompany S. 1465). — [Washington, D.C. : U.S. G.P.O., 1982]

6 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-614) Caption title. "September 29 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. Yu, Kwok Tung, 1955- I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-614. OCLC 09277572

83-12240

Y 1.1/5:97-616

United States. Congress. Senate. Committee on the Judiciary. Alberto Hernandez Perez : report (to accompany S. 1547). — [Washington, D.C. : U.S. G.P.O., 1982]

4 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-616) Caption title. "September 29 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. Hernandez Perez, Alberto, 1961- I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-616. OCLC 09319393

83-12241

Y 1.1/5:97-617

United States. Congress. Senate. Committee on the Judiciary. Nesca Nicolas and her children, Patricia Robert Nicolas and Bernard Robert Nicolas : report ( to accompany S. 642). — [Washington, D.C. : U.S. G.P.O., 1982]

5 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-617) Caption title. "September 29 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. Nicolas, Nesca, 1931- 2. Nicolas, Patricia Robert, 1962- I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-617. OCLC 09244200

83-12242

Y 1.1/5:97-619

United States. Congress. Senate. Committee on the Judiciary. Cesar Noel Jump : report (to accompany S. 1838). — [Washington, D.C. : U.S. G.P.O., 1982]

12 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-619) Caption title. "September 29 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. Jump, Cesar Noel, 1962- I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-619. OCLC 09269882

83-12243

Y 1.1/5:97-639

United States. Congress. Senate. Committee on the Judiciary. Quincentenary of the voyages of Christopher Columbus : report (to accompany S. 2580). — [Washington, D.C. : U.S. G.P.O., 1982]

8 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-639) Caption title. "September 29 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. Christopher Columbus Quincentenary Jubilee Commission. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-639. OCLC 09315001

83-12244

Y 1.1/5:97-642

United States. Congress. Senate. Committee on Finance. Consulting with the government of Japan on exports of agricultural products from the United States to Japan : report (to accompany S. Res. 462). — [Washington, D.C. : U.S. G.P.O., 1982]

3 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-642) Caption title. "September 30 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. Farm produce — United States — Marketing. 2. Japan — Commercial policy. 3. United States — Commercial policy. 4. Import quotas — Japan. 5. Foreign trade promotion — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-642. OCLC 09265808

83-12245

Y 1.1/5:97-643

United States. Congress. Senate. Committee on Finance. Normalization method for public utility property : report of the Committee on Finance, United States Senate, on H.R. 1524 together with additional views (together with cost estimate of the Congressional Budget Office). — Washington : U.S. G.P.O., 1982.

iii, 24 p. ; 24 cm. — (Report / 97th Congress, 2nd session, Senate ; no. 97-643) "September 30 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. Public utilities — United States. 2. Investment tax credit — United States — Accounting. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-643. OCLC 09265834

83-12246

Y 1.1/5:97-661

United States. Congress. Senate. Committee on Banking, Housing, and Urban Affairs. Export competitiveness : report of the Committee on Banking, Housing, and Urban Affairs, United States Senate, to accompany S. Res. 458 together with additional views. — Washington : U.S. G.P.O., 1982.

ii, 5 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-661) "October 18, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Export-Import Bank of the United States. 2. United States — Commerce. 3. Competition, International. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-661. OCLC 09278537

**83-12247**

**Y 1.1/5:97-664**

United States. Congress. Senate. Committee on Governmental Affairs. Permanent Subcommittee on Investigations.

Transfer of United States high technology to the Soviet Union and Soviet bloc nations : report of the Committee on Governmental Affairs, United States Senate / made by the Permanent Subcommittee on Investigations. — Washington : U.S. G.P.O., 1982.

iii, 69 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-664.) "November 15, 1982." Includes bibliographical references. ●Item 1008-C, 1008-D (microfiche)

1. Technology and state — United States. 2. Technology transfer. 3. Technology — United States — International cooperation. 4. Technology — Soviet Union — International cooperation. 5. Technology — Europe, Eastern — International cooperation. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-664. OCLC 09007436

**83-12248**

**Y 1.1/5:97-665**

United States. Congress. Senate. Committee on Governmental Affairs.

Competition in Contracting Act of 1982 : report of the Committee on Governmental Affairs, United States Senate, to accompany S. 2127 .... — Washington : U.S. G.P.O., 1982.

iii, 59 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-665) "November 15, 1982." "Subcommittee on Oversight of Government Management"—P. II. ●Item 1008-C, 1008-D (microfiche)

1. Government purchasing — United States. 2. Public contracts — United States. 3. Contracts, Letting of — United States. 4. Defense contracts — United States. 5. Competition — United States. I. United States. Congress. Senate. Committee on Governmental Affairs. Subcommittee on Oversight of Government Management. II. Title. III. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-665. OCLC 09265900

**83-12249**

**Y 1.1/5:97-666**

United States. Congress. Senate. Committee on Environment and Public Works.

Clean Air Act amendments of 1982 : report of the Committee on Environment and Public Works, United States Senate, to accompany S. 3041 together with additional, supplemental, and minority views. — Washington : U.S. G.P.O., 1982.

iii, 191 p. : maps ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-666) "November 15, 1982." Includes bibliographical references. ●Item 1008-C, 1008-D (microfiche)

1. Air — Pollution — Law and legislation — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; 97-666. OCLC 09269669

**83-12250**

**Y 1.1/5:97-669**

United States. Congress. Senate. Committee on Commerce, Science, and Transportation.

International Telecommunications Act of 1982 : report together with additional views (to accompany S. 2469). — [Washington, D.C. : U.S. G.P.O., 1982]

28 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-669) Caption title. "November 30, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Telecommunication policy — United States. 2. Investments, Foreign — Law and legislation — United States. 3. Independent regulatory commissions — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-669. OCLC 09265855

**83-12251**

**Y 1.1/5:97-670**

United States. Congress. Senate. Committee on Commerce, Science, and Transportation.

Product Liability Act : report of the Senate Committee on Commerce, Science, and Transportation on S. 2631 .... — Washington : U.S. G.P.O., 1982.

iii, 58 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-670) "December 1 ... 1982." Includes bibliographical references. ●Item 1008-C, 1008-D (microfiche)

1. Interstate commerce. 2. Products liability — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-670. OCLC 09278992

**83-12252**

**Y 1.1/5:97-672**

United States. Congress. Senate. Committee on Appropriations.

Foreign assistance and related program appropriation bill, 1983 : report, together with minority views (to accompany S. 3075). — [Washington, D.C. : U.S. G.P.O., 1982]

124 p. : ill., 1 map ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-672) Caption title. "December 3 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. Economic assistance, American. 2. Military assistance, American. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-672. OCLC 09265784

**83-12253**

**Y 1.1/5:97-673**

United States. Congress. Senate. Committee on Appropriations.

Energy and water development appropriation bill, 1983 : report (to accompany S. 3079). — [Washington, D.C. : U.S. G.P.O., 1982]

251 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-673) Caption title. "December 6 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. Water resources development — United States — Finance. 2. Power resources — United States — Finance. 3. United States — Appropriations and expenditures, 1983. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-673. OCLC 09269835

**83-12254**

**Y 1.1/5:97-680**

United States. Congress. Senate. Committee on Appropriations.

Departments of Labor, Health and Human Services, and Education and related agencies appropriation bill, 1983 : report together with additional views (to accompany H.R. 7205). — [Washington, D.C. : U.S. G.P.O., 1982]

166 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-680) Caption title. "December 13 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. United States. Dept. of Labor — Appropriations and expenditures. 2. United States. Dept. of Health and Human Services — Appropriations and expenditures. 3. United States. Dept. of Education — Appropriations and expenditures. 4. United States — Appropriations and expenditures, 1983. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-680. OCLC 09270005

83-12255

Y 1.1/5:97-685

United States. Congress. Senate. Committee on Foreign Relations.

BIB Supplemental Authorization Act, fiscal year 1983 : report (to accompany S. 3107). — [Washington, D.C. : U.S. G.P.O., 1982]

38 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-685) Caption title. "December 16 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. United States. Board for International Broadcasting — Appropriations and expenditures. 2. United States — Appropriations and expenditures, 1983. I. Title. II. Title: B.I.B. Supplemental Authorization Act, fiscal year 1983. III. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-685. OCLC 09285139

83-12256

Y 1.1/5:97-690

United States. Congress. Senate. Committee on the Judiciary.

The Freedom of Information Reform Act : report together with supplemental views (to accompany S. 1730). — [Washington, D.C. : U.S. G.P.O., 1982]

17 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-690) Caption title. "December 20 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. Freedom of information — United States. 2. Government information — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-690. OCLC 09285260

83-12257

Y 1.1/5:97-691

United States. Congress. Senate. Select Committee on Intelligence.

Implementation of the Foreign Intelligence Surveillance Act of 1978—1981-82 : report together with additional and separate views. — [Washington, D.C. : U.S. G.P.O., 1982]

15 p. ; 24 cm. — (Report / 97th Congress, 2d session, Senate ; no. 97-691) Caption title. "December 21 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. Intelligence service — United States. 2. Eavesdropping — United States. 3. Electronics in criminal investigation. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Report ; no. 97-691. OCLC 09276607

## SENATE EXECUTIVE REPORTS

Senate reports are available from the Senate Document Room unless otherwise indicated.

83-12258

Y 1.1/6:97-29

United States. Congress. Senate. Committee on Foreign Relations.

Tax convention (and proposed protocol) with the state of Israel : report of the Committee on Foreign Relations, United States Senate, on Executive C, 94th Cong., 2nd sess., and Executive M, 96th Cong., 2nd sess., tax convention (and proposed protocol) with Israel. — Washington, D.C. : U.S. G.P.O., 1981.

iii, 30 p. ; 24 cm. — (Executive rept. / 97th Congress, 1st session, Senate ; no. 97-29) "November 10 ... 1981." ●Item 1008-C, 1008-D (microfiche)

1. Taxation, Double — United States — Treaties. 2. Taxation, Double — Israel — Treaties. 3. Foreign tax credit — United States. 4. Foreign tax credit — Israel. I. Title. II. Series: United States. Congress (97th, 1st session : 1980). Senate. Executive rept. ; no. 97-29. OCLC 09318753

83-12259

Y 1.1/6:97-59

United States. Congress. Senate. Committee on Foreign Relations.

Constitution of the United Nations Industrial Development Organization : report (to accompany Treaty doc. 97-19). — [Washington, D.C. : U.S. G.P.O., 1982]

10 p. ; 24 cm. — (Executive rept. / 97th Congress, 2d session, Senate ; no. 97-59) Caption title. "September 13 .... 1982." ●Item 1008-C, 1008-D (microfiche)

1. United Nations Industrial Development Organization. 2. Constitutions. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). Senate. Executive rept. ; no. 97-59. OCLC 09246290

## HOUSE DOCUMENTS

House documents are available from the House Documents Room unless otherwise indicated.

83-12260

Y 1.1/7:97-233

United States. President (1981- : Reagan)

Federal pay comparability alternative plan : message from the President of the United States transmitting a federal pay comparability alternative plan, pursuant to section 5 U.S.C. 5305(c) (1). — Washington : U.S. G.P.O., 1982.

7 p. ; 24 cm. — (House document ; no. 97-233) "Message and accompanying papers referred to the Committee on Post Office and Civil Service and ordered to be printed." "September 8, 1982." ●Item 996-A, 996-B (microfiche)

1. United States — Officials and employees — Salaries, allowances, etc. I. Reagan, Ronald. II. United States. Congress. House. Committee on Post Office and Civil Service. III. Title. IV. Series: House document (United States. Congress (97th, 2nd session : 1982). House) ; no. 97-233. OCLC 09265681

83-12261

Y 1.1/7:97-239

United States. President (1981- : Reagan)

Appropriation amendments and amended language : communication from the President of the United States transmitting a request for appropriation amendments and amended appropriation language for fiscal year 1983. — Washington : U.S. G.P.O., 1982.

v, 6 p. ; 24 cm. — (House document ; no. 97-239) "Referred to the Committee on Appropriations and ordered to be printed." "September 22, 1982." ●Item 996-A, 996-B (microfiche)

1. Budget — United States. 2. United States — Appropriations and expenditures, 1983. I. Reagan, Ronald. II. United States. Congress. House. Committee on Appropriations. III. Title. IV. Series: House document (United States. Congress (97th, 2nd session : 1982). House) ; no. 97-239. OCLC 09265742

83-12262

Y 1.1/7:97-245

United States. President (1981- : Reagan)

Deferrals : message from the President of the United States transmitting twenty new deferrals of budget authority for fiscal year 1983 funds, pursuant to section 1013(a) of Public Law 93-344. — Washington : U.S. G.P.O., 1982.

iii, 25 p. ; 24 cm. — (House document ; no. 97-245) "Message and accompanying papers referred to the Committee on Appropriations and ordered to be printed." "October 1, 1982." ●Item 996-A, 996-B (microfiche)

1. Budget — United States. 2. Executive impoundment of appropriated funds — United States. 3. United States — Appropriations and expenditures, 1983. I. Reagan, Ronald. II. United States. Congress. House. Committee on Appropriations. III. Title. IV. Series: House document (United States. Congress (97th, 2nd session : 1982). House) ; no. 97-245. OCLC 09246087

**83-12263**

**Y 1.1/7:97-267**

Cumulative report on rescissions and deferrals : communication from the Director, Office of Management and Budget, Executive Office of the President ... Washington : U.S. G.P.O.,

v. ; 24 cm. (House document / 97th Congress, 2d session ; no. 97-267)

Monthly Title from cover. Pursuant to section 1014(e) of Public Law 93-344. Dec. 1, 1982. Description based on: Oct. 1980. ●Item 996-A, 996-B (microfiche) ISSN 0271-8030 Main series: House document (United States. Congress. House)

1. Executive impoundment of appropriated funds — United States — Statistics — Periodicals. 2. United States — Appropriations and expenditures — Statistics — Periodicals. I. United States. Office of Management and Budget. II. Series: House document (United States. Congress (97th, 2nd session : 1982). House) ; no. 97-267. HJ273.5.I4U54a 80-645042 // r81 336.1 OCLC 02864748

**83-12264**

**Y 1.1/7:98-3**

United States. Office of Management and Budget.

Budget of the United States Government. Doc. ed. Washington, D.C. : U.S. G.P.O.,

v. : ill. ; 24 cm. (House document / 98th Congress, 1st session ; no. 98-3)

Annual

Began with 1971/72. Spine title: Budget of the U.S. Government FY 1983 Title varies slightly. Information incorrect in publication as to sale by Supt. of Docs. Only dept. ed. for sale. Description based on: Fiscal year 1983. Report covers fiscal year 1984. ●Item 996-A, 996-B (microfiche) Main series: House document (United States. Congress. House) Other editions available: United States. Office of Management and Budget. Budget of the United States Government Departmental edition ISSN 0163-2000 Continues: United States. Bureau of the Budget. Budget of the United States Government Related records: United States. Office of Management and Budget. Budget of the United States Government. Appendix

1. Budget — United States — Periodicals. I. Title. II. Series: House document (United States. Congress (98th, 1st session : 1983). House) ; no. 98-3. OCLC 06018330

**83-12265**

**Y 1.1/7:98-4**

United States. Office of Management and Budget.

Budget of the United States Government. Appendix. Doc. ed. Washington : U.S. G.P.O.,

v. : ill. ; 29 cm. (House document / 98th Congress, 1st session ; no. 98-4)

Annual

Began with 1971/72. Spine title: Budget of the U.S. Government FY 1983- Title varies slightly. Information incorrect in publication as to sale by Supt. of Docs. Only dept. ed. for sale. Description based on: Fiscal year 1983. Report covers fiscal year 1984. ●Item 996-A, 996-B (microfiche) Main series: House document (United States. Congress. House) Other editions available: United States. Office of Management and Budget. Budget of the United States Government. Appendix Departmental edition Continues: United States. Bureau of the Budget. Budget of the United States Government. Appendix 1951/52-1970/71

1. Budget — United States — Periodicals. I. Title. II. Series: House document (United States. Congress (98th, 1st session : 1983). House) ; no. 98-4. OCLC 06018645

## HOUSE REPORTS

House reports are available from the House Documents Room unless otherwise indicated.

**83-12266**

**Y 1.1/8:97-479/pt.2**

United States. Congress. House. Committee on Foreign Affairs.

Radio Broadcasting to Cuba Act : report together with dissenting and additional views (to accompany H.R. 5427) (including cost estimate and comparison of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982- ]

v. ; 24 cm. — (Rept. / 97th Congress, 2d session, House of Representatives ; no. 97-479/pt. 2) Caption title. "Committee on Energy and Commerce"—Pt. 2. "July 13, 1982"—Pt. 2. ●Item 1008-C, 1008-D (microfiche)

1. Radio — Cuba — Interference. 2. Radio broadcasting — United States. 3. Radio in propaganda. I. United States. Congress. House. Committee on Energy and Commerce. II. Title. III. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-479/pt. 2. OCLC 08575557

**83-12267**

**Y 1.1/8:97-491/pt.2/corr.**

United States. Congress. House. Committee on Armed Services.

Nuclear Waste Policy Act of 1982 : report (to accompany H.R. 3809) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982- ]

v. ; 24 cm. — (Rept. / 97th Congress, 2d session, House of Representatives ; no. 97-491/pt.2) Caption title. "Star print, July 16, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Radioactive waste disposal — Law and legislation — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-491/pt.2. OCLC 09248056

**83-12268**

**Y 1.1/8:97-562/pt.2**

United States. Congress. House. Committee on Merchant Marine and Fisheries.

Ocean Dumping Amendments Act of 1982 : report (to accompany H.R. 6113) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982- ]

v. ; 24 cm. — (Rept. / 97th Congress, 2d session, House of Representatives ; no. 97-562/pt. 2) Caption title. "Committee on Public Works and Transportation"—Pt. 2. "July 29, 1982"—Pt. 2. ●Item 1008-C, 1008-D (microfiche)

1. Waste disposal in the ocean — United States. I. United States. Congress. House. Committee on Public Works and Transportation. II. Title. III. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-562/pt. 2. OCLC 08759359

**83-12269**

**Y 1.1/8:97-626/pt.2**

United States. Congress. House. Committee on Energy and Commerce.

Clarifying the jurisdiction of the Securities and Exchange Commission and the definition of security : report (to accompany H.R. 6156) (including Congressional Budget Office cost estimate). — [Washington, D.C. : U.S. G.P.O., 1982-]

v. ; 24 cm. — (Rept. / 97th Congress, 2d session, House of Representatives ; 97-626/pt. 2) Caption title. "Committee

on Agriculture"—Pt. 2. Includes bibliographical references. "July 30, 1982"—Pt. 2. ●Item 1008-C, 1008-D (microfiche)

1. United States. Securities and Exchange Commission. 2. Securities — United States. I. United States. Congress. House. Committee on Agriculture. II. Title. III. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-626/pt. 2. OCLC 08934183

**83-12270**

**Y 1.1/8:97-627/pt.2**

United States. Congress. House. Committee on the Judiciary.

Extradition Act of 1982 : report (to accompany H.R. 6046) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982- ]

v. ; 24 cm. — (Rept. / 97th Congress, 2d session, House of Representatives ; no. 97-627/pt. 2) Caption title. "Committee on Foreign Affairs"—Pt. 2. "August 24, 1982."—Pt. 2. ●Item 1008-C, 1008-D (microfiche)

1. Extradition — United States. 2. Criminal procedure — United States. I. United States. Congress. House. Committee on Foreign Affairs. II. Title. III. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-627/pt. 2. OCLC 08760648

**83-12271**

**Y 1.1/8:97-665/pt.1**

United States. Congress. House. Committee on Foreign Affairs.

Caribbean-Central America Economic Revitalization Act of 1982 : report together with additional views (to accompany H.R. 5900 ... referred jointly to the Committee on Ways and Means and the Committee on Foreign Affairs) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982- ]

v. ; 24 cm. — (Rept. / 97th Congress, 2d session, House of Representatives ; no. 97-665/pt. 1) Caption title. "July 26, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Economic assistance, American — Caribbean area. 2. Economic assistance, American — Central America. 3. United States — Economic policy. I. United States. Congress. House. Committee on Ways and Means. II. Title. III. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-665/pt. 1. OCLC 09269967

**83-12272**

**Y 1.1/8:97-684**

United States. Congress. House. Committee on Public Works and Transportation.

James Madison Building authorization : report (to accompany H.R. 6666) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982]

5 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-684) Caption title. "July 29, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Library of Congress James Madison Memorial Building (Washington, D.C.) 2. Finance, Public — Law and legislation — United States. 3. Public institutions — United States — Finance. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-684. OCLC 09297952

**83-12273**

**Y 1.1/8:97-700**

United States. Congress. House. Committee on Agriculture.

Directing the Secretary of Agriculture to release a reversionary interest held by the United States in certain lands located in Christian County, Kentucky, so that such lands may be used for cemetery purposes : report (to accompany H.R. 6195) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982]

4 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-700) Caption title. "August 5, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Christian County (Ky.) — Public lands. 2. Land use — Law and legislation — United States. 3. Land titles — Registration and transfer — Kentucky — Christian County. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-700. OCLC 09248478

**83-12274**

**Y 1.1/8:97-734**

United States. Congress. House. Committee on Merchant Marine and Fisheries.

Reserving certain surplus navy vessels for humanitarian purposes : report (to accompany H.R. 4828) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982]

12 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-734) Caption title. "August 12, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Health facilities — United States. 2. United States. Navy Dept. 3. Ships. 4. Surplus government property — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-734. OCLC 09277422

**83-12275**

**Y 1.1/8:97-744**

United States. Congress. House. Committee on Armed Services.

Joint Chiefs of Staff Reorganization Act of 1982 : report (to accompany H.R. 6954) (including cost estimate and comparison of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982]

14 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-744) Caption title. "August 12, 1982." ●Item 1008-C, 1008-D (microfiche)

1. United States. Joint Chiefs of Staff. 2. United States. Dept. of Defense — Officials and employees. 3. Executive advisory bodies — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-744. OCLC 09235714

**83-12276**

**Y 1.1/8:97-770**

United States. Congress. House. Committee on Interior and Insular Affairs.

Authorizing and directing The Secretary of the Interior to convey certain real property to the Pershing County Water Conservation District : report (to accompany H.R. 5652) (including the cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982]

6 p. : 1 map ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-770) Caption title. "August 19, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Pershing County Water Conservation District. 2. Land titles — Registration and transfer — Nevada. 3. United States — Public lands. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-770. OCLC 09278510

**83-12277**

**Y 1.1/8:97-776**

United States. Congress. House. Committee on Interior and Insular Affairs.

Amending Title III of the Colorado River Basin Project Act, Public Law 90-537 (82 Stat. 885), as amended by Public Law 95-578 (92 Stat. 2471), and Public Law 96-375 (94 Stat. 1505) : report (to accompany S. 2177) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982]

4 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-776) Caption title. "August 19, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Water resources development — Law and legislation — United States 2. Watershed management — Colorado River (Colo.-Mexico) 3. Water resources development — Colorado River (Colo.-Mexico) I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-776. OCLC 09026109

**83-12278**

**Y 1.1/8:97-782**

United States. Congress. House. Committee on Veterans' Affairs.

Reemployment rights for members of the National Guard and reserve : report (to accompany H.R. 6788) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982]

35 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-782) Caption title. "August 19, 1982." Includes bibliographical references. ●Item 1008-C, 1008-D (microfiche)

1. United States. National Guard Bureau. 2. United States — Armed Forces — Reserves. 3. Employee rights — United States. 4. United States — Officials and employees — Leave regulations. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-782. OCLC 09298747

**83-12279**

**Y 1.1/8:97-796**

United States. Congress. House. Committee on the Judiciary.

Mocatta and Goldsmid, Ltd., Sharps, Pixley and Company, Ltd., and Primary Metal and Mineral Corporation : report (to accompany H.R. 5858) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982]

50 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-796) Caption title. "September 9, 1982." Includes bibliographical references. ●Item 1008-C, 1008-D (microfiche)

1. Sharps, Pixley, and Company. 2. Primary Metal and Mineral Corporation. 3. Mocatta and Goldsmid. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-796. OCLC 09266767

**83-12280**

**Y 1.1/8:97-801**

United States. Congress. House. Committee on Appropriations.

Legislative branch appropriation bill, 1983 : report together with additional views (to accompany H.R. 7073). — [Washington, D.C. : U.S. G.P.O., 1982]

58 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-801) Caption title. "September 9, 1982." Includes index. ●Item 1008-C, 1008-D (microfiche)

1. Executive impoundment of appropriated funds — United States. 2. United States — Appropriations and expenditures, 1983. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-801. OCLC 09266673

**83-12281**

**Y 1.1/8:97-809/pt.1-2**

United States. Congress. House. Committee on Energy and Commerce.

Federal Trade Commission Authorization Act of 1982 : report together with additional views (to accompany H.R. 6995 ... referred jointly to the Committee on Energy and Commerce and the Committee on Rules) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O. 1982]

2 v. ; 24 cm. — (Rept. / 97th Congress, 2d session, House of Representatives ; 97-809/pt. 1-2) Caption title. "Committee on Rules"—Pt. 2. "September 15, 1982"—Pt. 1. "September 20, 1982"—Pt. 2. Includes bibliographical references. ●Item 1008-C, 1008-D (microfiche)

1. United States. Federal Trade Commission — Appropriations and expenditures. 2. United States — Appropriations and expenditures, 1982. I. United States. Congress. House. Committee on Rules. II. Title. III. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-809/pt. 1-2. OCLC 09025046

**83-12282**

**Y 1.1/8:97-821**

Providing for the consideration of H.R. 6995 : report (to accompany H. Res. 587). — [Washington, D.C. : U.S. G.P.O., 1982]

[1] leaf ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-821) Caption title. "September 16, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Bills, Legislative — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-821. OCLC 09285376

**83-12283**

**Y 1.1/8:97-822**

United States. Congress. House. Committee on Rules.

Providing for the consideration of H.R. 5723 : report (to accompany H. Res. 588). — [Washington, D.C. : U.S. G.P.O., 1982]

[1] leaf ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-822) Caption title. "September 16, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Bills, Legislative — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-822. OCLC 09277399

**83-12284**

**Y 1.1/8:97-834**

United States. Congress. House. Committee on Appropriations.

Continuing appropriations, 1983 : report (to accompany H.J. Res. 599). — [Washington, D.C. : U.S. G.P.O., 1982]

7 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-834) Caption title. "September 16, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Budget — Law and legislation — United States. 2. United States — Appropriations and expenditures, 1983. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-834. OCLC 09266699

**83-12285**

**Y 1.1/8:97-835**

United States. Congress (97th, 2nd session : 1982). House.

Endangered Species Act amendments of 1982 : conference report (to accompany H.R. 6133). — [Washington, D.C. : U.S. G.P.O., 1982]

35 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-835) Caption title. "September 17, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Endangered species — United States. 2. Wildlife conservation — Law and legislation — United States. 3. United States — Appropriations and expenditures. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-835. OCLC 09257526

83-12286

Y 1.1/8:97-836

United States. Congress. House. Committee on Ways and Means.

Computer Equipment Contribution Act of 1982 : report (to accompany H.R. 5573) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982]

13 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-836) Caption title. "September 17, 1982." Includes bibliographical references. ●Item 1008-C, 1008-D (microfiche)

1. Computers. 2. Computer-assisted instruction — United States. 3. Corporations — Charitable contributions — United States. 4. Schools — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-836. OCLC 09248468

83-12287

Y 1.1/8:97-838

United States. Congress. House. Committee on Ways and Means.

Highway Revenue Act of 1982 : report (to accompany H.R. 7092) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982]

29 p. ; 24 cm. — (Report / 97th Congress, 2nd session, House of Representatives ; no. 97-838) Caption title. "September 17, 1982." Includes bibliographical references. ●Item 1008-C, 1008-D (microfiche)

1. Roads — United States — Finance. 2. Federal aid to transportation — United States. 3. Internal revenue law — United States. 4. Motor fuels — Taxation — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-838. OCLC 09270968

83-12288

Y 1.1/8:97-840/pt.1

United States. Congress. House. Committee on Energy and Commerce.

Orphan Drug Act : report (to accompany H.R. 5238 ... referred jointly to the Committee on Energy and Commerce and the Committee on Ways and Means) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982- ]

v. ; 24 cm. — (Rept. / 97th Congress, 2d session, House of Representatives ; 97-840/pt. 1) Caption title. "September 17, 1982"—Pt. 1. Includes bibliographical references. ●Item 1008-C, 1008-D (microfiche)

1. Drugs — United States. 2. New products. 3. Pharmaceutical research — United States. 4. Tax credits — United States. 5. Public health — United States. I. United States. Congress. House. Committee on Ways and Means. II. Title. III. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-840/pt. 1. OCLC 09270600

83-12289

Y 1.1/8:97-841/pt.1

United States. Congress. House. Committee on Merchant Marine and Fisheries.

Coastal Barrier Resources Act : report together with additional views (to accompany H.R. 3252) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982- ]

v. ; 24 cm. — (Rept. / 97th Congress, 2d session, House of Representatives ; 97-841/pt.1) Caption title. "September 21, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Coastal zone management — Law and legislation — United States. 2. Shore protection — Law and legislation — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-841/pt.1. OCLC 09266792

83-12290

Y 1.1/8:97-842/pt.1

United States. Congress. House. Committee on Energy and Commerce.

Fair Practices in Automotive Products Act : report together with dissenting and additional dissenting views (to accompany H.R. 5133). — [Washington, D.C. : U.S. G.P.O., 1982- ]

v. : ill. ; 24 cm. — (Rept. / 97th Congress, 2d session, House of Representatives ; 97-842/pt. 1) Caption title. "September 21, 1982"—Pt. 1. ●Item 1008-C, 1008-D (microfiche)

1. Automobile industry and trade — United States. 2. Automobiles — United States — Marketing. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-842/pt. 1. OCLC 09116159

83-12291

Y 1.1/8:97-843/pt.1

United States. Congress. House. Committee on Armed Services.

Transfer of certain naval vessels : report (to accompany H.R. 7115 ... referred jointly to the Committee on Armed Services and the Committee on Foreign Affairs) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982- ]

v. ; 24 cm. — (Rept. / 97th Congress, 2d session, House of Representatives ; no. 97-843/pt. 1) Caption title. "September 21, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Ships — Registration and transfer — United States. 2. Warships. 3. Military assistance, American. I. United States. Congress. House. Committee on Foreign Affairs. II. Title. III. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-843/pt.1. OCLC 09299498

83-12292

Y 1.1/8:97-843/pt.2

United States. Congress. House. Committee on Foreign Affairs.

Naval Vessel Transfer Act of 1982 : report (to accompany H.R. 7115 which on September 15, 1982, was referred jointly to the Committee on Armed Services and the Committee on Foreign Affairs) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982- ]

v. ; 24 cm. — (Rept. / 97th Congress, 2d session, House of Representatives ; no. 97-843/pt.2) Caption title. "September 23, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Ships — Registration and transfer — United States. 2. Warships. 3. Military assistance, American. I. United States. Congress. House. Committee on Armed Services. II. Title. III. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-843/pt.2. OCLC 09290670

83-12293

Y 1.1/8:97-849

United States. Congress. House. Committee on Appropriations.

District of Columbia appropriation bill, 1983 : report (to accompany H.R. 7144). — [Washington, D.C. : U.S. G.P.O., 1982]

96 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-849) Caption title. "September 21, 1982." Includes index. ●Item 1008-C, 1008-D (microfiche)

1. Budget — Washington (D.C.) 2. United States — Appropriations and expenditures, 1983. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-849. OCLC 09269380

**83-12294**

**Y 1.1/8:97-853**

United States. Congress. House. Committee on Energy and Commerce.

Rail labor-management dispute : report (to accompany H.J. Res. 600) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982]

73 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-853) Caption title. "September 22, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Railroads — United States — Employees. 2. Collective labor agreements — Railroads — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-853. OCLC 09263978

**83-12295**

**Y 1.1/8:97-856**

United States. Congress. House. Committee on House Administration.

Allocation of budget totals by program : report of the Committee on House Administration pursuant to section 302(b) of the Congressional Budget Act of 1974. — Washington : U.S. G.P.O., 1982.

3 p., [1] leaf ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-856) "September 23, 1982." ●Item 1008-C, 1008-D (microfiche)

1. United States. Congress. House. Committee on House Administration — Appropriations and expenditures. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-856. OCLC 09290797

**83-12296**

**Y 1.1/8:97-861**

United States. Congress. House. Committee on Merchant Marine and Fisheries.

Outer continental shelf pollution liability amendments of 1982 : report (to accompany H.R. 5906) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982]

41 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-861) Caption title. "September 23, 1982." Includes bibliographical references. ●Item 1008-C, 1008-D (microfiche)

1. Continental shelf — United States. 2. Offshore structures — Law and legislation — United States. 3. Liability for oil pollution damages — United States. 4. Liability for environmental damages — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-861. OCLC 09270985

**83-12297**

**Y 1.1/8:97-877**

United States. Congress. House. Committee on Agriculture.

Federal Seed Act amendments of 1982 : report (to accompany H.R. 7005) (including Congressional Budget Office cost estimate). — [Washington, D.C. : U.S. G.P.O., 1982]

16 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-877) Caption title. "September 26, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Seeds — Viability. 2. Tariff on seeds — United States. 3. Import quotas — United States. 4. Seed adulteration and inspection — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-877. OCLC 09270384

**83-12298**

**Y 1.1/8:97-878**

United States. Congress. House. Committee on Government Operations.

Consolidated Federal Funds Report Act of 1982 : report (to accompany H.R. 7096) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982]

11 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives, no. 878) Caption title. "September 28, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Budget — United States. 2. United States — Appropriations and expenditures. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-878. OCLC 09230433

**83-12299**

**Y 1.1/8:97-880**

United States. Congress (97th, 2nd session : 1982). House.

Military Construction Authorization Act, 1983 : conference report (to accompany S. 2586). — [Washington, D.C. : U.S. G.P.O., 1982]

82 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-880) Caption title. "September 28, 1982." ●Item 1008-C, 1008-D (microfiche)

1. United States — Armed Forces — Military construction operations. 2. United States — Appropriations and expenditures, 1983. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-880. OCLC 09266856

**83-12300**

**Y 1.1/8:97-883/pt.1**

United States. Congress. House. Committee on the Judiciary.

Comprehensive Drug Penalty Act of 1982 : report (to accompany H.R. 7140 ... was referred jointly to the Committee on the Judiciary and the Committee on Energy and Commerce) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982- ]

v. ; 24 cm. — (Rept. / 97th Congress, 2d session, House of Representatives ; 97-883/pt.1) Caption title. "September 28, 1982." Includes bibliographical references. ●Item 1008-C, 1008-D (microfiche)

1. Narcotics and crime — United States. 2. Crime and criminals — United States. 3. Forfeiture — United States. 4. Criminal procedure — United States. I. United States. Congress. House. Committee on Energy and Commerce. II. Title. III. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-883/pt.1. OCLC 09250414

**83-12301**

**Y 1.1/8:97-894**

United States. Congress. House. Committee on Appropriations.

Departments of Labor, Health and Human Services, and Education, and related agencies appropriation bill, 1983 : report (to accompany 7205) [sic]. — [Washington, D.C. : U.S. G.P.O., 1982]

151 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-894) Caption title. "September 29, 1982." ●Item 1008-C, 1008-D (microfiche)

1. United States. Dept. of Labor — Appropriations and expenditures. 2. United States. Dept. of Health and Human Services — Appropriations and expenditures. 3. United States. Dept. of Education — Appropriations and expenditures. 4. United States — Appropriations and expenditures, 1983. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-894. OCLC 09269415

**83-12302**

**Y 1.1/8:97-910/pt.1**

United States. Congress. House. Committee on Government Operations.

Relating to the donation of property for civil defense : report (to accompany H.R. 1856) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982- ]

v. ; 24 cm. — (Rept. / 97th Congress, 2d session, House of Representatives ; no. 97-910/pt. 1) Caption title. "September 30, 1982"—Pt. 1. ●Item 1008-C, 1008-D (microfiche)

1. United States — Civil defense. 2. Surplus government property — United States. 3. Federal government — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-910/pt. 1. OCLC 09104731

**83-12303**

**Y 1.1/8:97-912**

United States. Congress. House. Committee on Rules.

Providing for the consideration of House Joint Resolution 350 : report (to accompany H. Res. 604). — [Washington, D.C. : U.S. G.P.O., 1982]

[1] leaf ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-912) "September 30, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Bills, Legislative — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-912. OCLC 09277427

**83-12304**

**Y 1.1/8:97-919**

United States. Congress. House. Committee on Government Operations.

Postal service electronic mail, the price isn't right : forty-first report / by the Committee on Government Operations together with additional views. — Washington : U.S. G.P.O., 1982.

v, 21 p. ; 24 cm. — (House report ; no. 97-919) "October 1, 1982." Includes bibliographical references. ●Item 1008-C, 1008-D (microfiche)

1. Postal service — United States — Automation. 2. Electronic mail systems — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-919. OCLC 09078399

**83-12305**

**Y 1.1/8:97-922**

United States. Congress. House. Committee on Government Operations.

Maintaining the network : rural telephone service and FCC actions : forty-third report / by the Committee on Government Operations. — Washington : U.S. G.P.O., 1982.

v, 21 p. ; 24 cm. — (House report ; no. 97-922) "October 1, 1982." Includes bibliographical references. ●Item 1008-C, 1008-D (microfiche)

1. Telecommunication — United States. 2. Telecommunication policy — United States. 3. United States. Federal Communications Commission. I. Title. II. Title: Rural telephone service and FCC actions. III. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-922. OCLC 09284931

**83-12306**

**Y 1.1/8:97-927/pt.1**

United States. Congress. House. Committee on Interior and Insular Affairs.

Requiring the Secretary of the Interior to offer to sell exclusively to small business concerns not less than 30 per centum of the quantity of salvage timber which is harvested from land managed by the Bureau of Land Management and offered for sale in any fiscal year, and for other purposes : report (to accompany H.R. 6655) (including the cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982- ]

v. ; 24 cm. — (Rept. / 97th Congress, 2d session, House of Representatives ; 97-927/pt.1) Caption title. "October 1, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Lumber trade — United States. 2. Small business — United States. 3. Forest products — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-927/pt.1. OCLC 09250385

**83-12307**

**Y 1.1/8:97-933/pt.2**

United States. Congress. House. Committee on Education and Labor.

Science and Mathematics Education Improvement Act : report (to accompany H.R. 7130) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982- ]

v. ; 24 cm. — (Rept. / 97th Congress, 2d session, House of Representatives ; no. 97-933/pt.2) Caption title. "December 3, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Engineers — United States. 2. Science and state — United States. 3. Technology and state — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-933/pt.2. OCLC 09265657

**83-12308**

**Y 1.1/8:97-936**

United States. Congress. House. Committee on Interior and Insular Affairs.

Providing for the use and distribution of Warm Springs judgment funds awarded in docket numbered 198, before the Indian Claims Commission, and for other purposes : report (to accompany H.R. 6243). — [Washington, D.C. : U.S. G.P.O., 1982]

6 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-936) Caption title. "November 30, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Warm Springs Indian Reservation (Or.) — Claims. 2. Indians of North America — Claims. 3. Indians of North America — Legal status, laws, etc. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-936. OCLC 09271430

**83-12309**

**Y 1.1/8:97-939**

United States. Congress. House. Committee on Education and Labor.

Select Commission on Voluntary Service Opportunities Act of 1982 : report, together with supplemental and dissenting views (to accompany H.R. 2500) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982]

10 p. ; 24 cm. — (Report / 97th Congress, 2nd session, House of Representatives ; no. 97-939) Caption title. "December 1, 1982." ●Item 1008-C, 1008-D (microfiche)

1. United States. Select Commission on Voluntary Service Opportunities. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-939. OCLC 09310957

**83-12310**

**Y 1.1/8:97-942**

United States. Congress. House. Committee on Appropriations.

Department of the Interior and related agencies appropriation bill, 1983 : report (to accompany H.R. 7356). — [Washington, D.C. : U.S. G.P.O., 1982]

168 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-942) Caption title. "December 2, 1982." ●Item 1008-C, 1008-D (microfiche)

1. United States. Dept. of the Interior — Appropriations and expenditures. 2. United States — Appropriations and expenditures, 1983. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-942. OCLC 09243075

**83-12311**

**Y 1.1/8:97-950**

United States. Congress. House. Committee on Education and Labor.

Handicapped Individuals Services and Training Act : report together with separate views (to accompany H.R. 6820) (including cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982]

23 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-950) Caption title. "December 9, 1982." ●Item 1008-C, 1008-D (microfiche)

1. Helen Keller National Center for Deaf-Blind Youths and Adults. 2. Handicapped services — United States. 3. Blind-deaf — Services for — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-950. OCLC 09248060

**83-12312**

**Y 1.1/8:97-953**

United States. Congress. House. Committee on Interior and Insular Affairs.

Establishing the national park system visitor facilities fund, and for other purposes (to accompany H.R. 7316) (including the cost estimate of the Congressional Budget Office). — [Washington, D.C. : U.S. G.P.O., 1982]

7 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-953) Caption title. "December 10, 1982." ●Item 1008-C, 1008-D (microfiche)

1. National parks and reserves — United States. 2. Federal aid to outdoor recreation — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-953. OCLC 09293099

**83-12313**

**Y 1.1/8:97-973**

United States. Congress. House. Permanent Select Committee on Intelligence.

Pursuant to clause 1(d) rule XI of the rules of the House of Representatives : report / by the Permanent Select Committee on Intelligence. — Washington : U.S. G.P.O., 1982.

iii, 21 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-973) "December 17, 1982." ●Item 1008-C, 1008-D (microfiche)

1. United States. Congress. House. Permanent Select Committee on Intelligence. 2. United States — National security. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-973. OCLC 09251788

**83-12314**

**Y 1.1/8:97-974**

United States. Congress. House. Select Committee on Intelligence.

Implementation of the Foreign Intelligence Surveillance Act : report / by the Permanent Select Committee on Intelligence, section 108(b) of the Foreign Intelligence Surveillance Act, 92 STAT. 1783, 50 U.S.C. 1808(b). — Washington : U.S. G.P.O., 1982.

iii, 47 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-974) "December 17, 1982." Includes bibliographical references. ●Item 1008-C, 1008-D (microfiche)

1. Intelligence service — United States. 2. Eavesdropping — United States. 3. Electronics in criminal investigation. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-974. OCLC 09278932

**83-12315**

**Y 1.1/8:97-976**

United States. Congress. House. Committee on Small Business.

Small and minority business ownership in the cable television industry : a report of the Committee on Small Business, House of Representatives, Ninety-seventh Congress, second session. — Washington : U.S. G.P.O., 1982.

v, 25 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-976) "December 17, 1982." Includes bibliographical references. ●Item 1008-C, 1008-D (microfiche)

1. Small business — Government policy — United States. 2. Minority business enterprises — United States. 3. Subscription television. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-976. OCLC 09285121

**83-12316**

**Y 1.1/8:97-980**

United States. Congress (97th, 2nd session : 1982). House.

Making further continuing appropriations and providing for productive employment for the fiscal year ending September 30, 1983 : conference report (to accompany H.J. Res. 631). — [Washington, D.C. : U.S. G.P.O., 1982]

204 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-980) Caption title. "December 20 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. United States — Appropriations and expenditures, 1983. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-980. OCLC 09299063

**83-12317**

**Y 1.1/8:97-982**

United States. Congress (97th, 2nd session : 1982). House.

Improving fishery conservation and management : conference report (to accompany H.R. 5002). — [Washington, D.C. : U.S. G.P.O., 1982]

23 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-982) Caption title. "December 20 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. Fishery management — United States. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-982. OCLC 09276945

**83-12318**

**Y 1.1/8:97-987**

United States. Congress (97th, 2nd session : 1982). House.

Surface Transportation Assistance Act of 1982 : conference report (to accompany H.R. 6211). — [Washington, D.C. : U.S. G.P.O., 1982]

210 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-987) Caption title. "December 21 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. Federal aid to transportation — United States. 2. Roads — United States — Finance. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-987. OCLC 09250337

**83-12319**

**Y 1.1/8:97-988**

United States. Congress (97th, 2nd session : 1982). House.

Fiscal year 1983 authorization of appropriations for the United States Customs Service, International Trade Commission, and Trade Representative : conference report (to accompany H.R. 6094). — [Washington, D.C. : U.S. G.P.O., 1982]

3 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-988) Caption title. "December 21 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. United States International Trade Commission — Appropriations and expenditures. 2. U.S. Customs Service — Appropriations and expenditures. 3. United States. Office of the U.S. Trade Representative — Appropriations and expenditures. 4. United States — Appropriations and expenditures, 1983. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-988. OCLC 09276982

83-12320

Y 1.1/8:97-989

United States. Congress (97th, 2nd session : 1982). House.

Tariff and customs amendments : conference report (to accompany H.R. 4566). — [Washington, D.C. : U.S. G.P.O., 1982]

48 p. ; 24 cm. — (Report / 97th Congress, 2d session, House of Representatives ; no. 97-989) Caption title. "December 21 ... 1982." ●Item 1008-C, 1008-D (microfiche)

1. Tariff — United States. 2. United States — Insular possessions. 3. United States — Commerce. 4. United States — Commercial policy. 5. Reciprocity. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-989. OCLC 09277281

83-12321

Y 1.1/8:97-1002

United States. Congress. House. Committee on Energy and Commerce.

Report on the activity of the Committee on Energy and Commerce for the ... Congress. Washington : U.S. G.P.O.,

v. ; 24 cm. (House report / 97th Congress, 2d session ; no. 97-1002)

Annual 97th Congress. Description based on: 97th Congress, 1st session. ●Item 1008-C, 1008-D (microfiche) Main series: United States. Congress. House. Report

1. United States. Congress. House. Committee on Energy and Commerce — Periodicals. 2. Energy policy — United States — Periodicals. 3. United States — Commerce — Periodicals. I. Title. II. Series: United States. Congress (97th, 2nd session : 1982). House. Report ; no. 97-1002. OCLC 08324432

83-12322

Y 1.1/8:98-17

United States. Congress. House. Committee on Government Operations.

Oversight plans of the committees of the U.S. House of Representatives : a report by the Committee on Government Operations. Washington : U.S. G.P.O.,

v. ; 24 cm. (House report / 98th Congress, 1st session ; no. 98-17)

Biennial Mar. 3, 1983. Description based on: 1981. ●Item 1008-C, 1008-D (microfiche) Main series: United States. Congress. House. Report

1. United States. Congress. House — Committees — Periodicals. I. Title. II. Series: United States. Congress (98th, 1st session : 1983). House. Report ; no. 98-17. OCLC 08261851

## HOUSE OF REPRESENTATIVES

83-12323

Y 1.2/5:976/supp.5/v.7

United States.

[Laws, etc.] United States code. Supplement / prepared and published under authority of Title 2, U.S. code, section 285b, by the Office of the Law Revision Counsel of the House of Representatives. Washington : The Office : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 27 cm.

Annual

$21.00 (cloth) $16.00 (pbk.)

Began with 1940 ed. "Containing the general and permanent laws of the United States." Previously classed: Y 4.J 89/1:Un 3/3/ 1976 ed., suppl. 5, covering the 95th and 96th Congresses and 97th Congress, 1st session, Jan. 4, 1977 to Jan. 25, 1982, v. 7. Description based on: Suppl. III, v. 3 (1976 ed.) Contents: v. 7. General index A-H. Published by the Committee on Revision of the Laws, 1940- ; by the Committee on the Judiciary of the House of Representatives, 1946-74. Updates United States code between editions. ●Item 991 (cloth bound only) S/N 052-001-00197-4 (cloth) ; 052-001-00205-9 (pbk.) Continues: United States. Laws, etc. Code of the laws of the United States of America of a general and permanent character. Supplement

1. Law — United States — Periodicals. I. United States. Congress. House. Office of the Law Revision Counsel. II. United States. Congress. House. Committee on the Judiciary. III. United States. Congress. House. Committee on Revision of the Laws. IV. Title. OCLC 05003916

83-12324

Y 1.2/5:976/supp.5/v.8

United States.

[Laws, etc.] United States code. Supplement / prepared and published under authority of Title 2, U.S. code, section 285b, by the Office of the Law Revision Counsel of the House of Representatives. Washington : The Office : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 27 cm.

Annual

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Began with 1940 ed. "Containing the general and permanent laws of the United States." Previously classed: Y 4.J 89/1:Un 3/3/ 1976 ed., suppl. 5, covering the 95th and 96th Congresses, and the 97th Congress, 1st session, Jan. 4 1977-Jan. 25, 1982, v. 8. Description based on: Suppl. III, v. 3 (1976 ed.) Contents: v. 8. General index I-Z. Published by the Committee on Revision of the Laws, 1940- ; by the Committee on the Judiciary of the House of Representatives, 1946-74. Updates United States code between editions. ●Item 991 S/N 052-001-00198-2 Continues: United States. Laws, etc. Code of the laws of the United States of America of a general and permanent character. Supplement

1. Law — United States — Periodicals. I. United States. Congress. House. Office of the Law Revision Counsel. II. United States. Congress. House. Committee on the Judiciary. III. United States. Congress. House. Committee on Revision of the Laws. IV. Title. OCLC 05003916

## ADVISORY COMMISSION ON INTERGOVERNMENTAL RELATIONS
### Washington, DC, 20575

83-12325

Y 3.Ad 9/8:2 F 31/8/v.8

The Federal role in the federal system : the dynamics of growth : federal involvement in libraries. — Washington, D.C. : Advisory Commission on Intergovernmental Relations, 1980.

v, 42 p. ; 28 cm. At head of title: A Commission report. "June 1980." Includes bibliographical references. "A-84." ●Item 1049-D (microfiche)

1. Federal aid to libraries — United States. I. United States. Advisory Commission on Intergovernmental Relations. II. Title: Federal involvement in libraries. OCLC 06660178

## NATIONAL COMMISSION ON AIR QUALITY
### Washington, DC 20003

83-12326

Y 3.Ai 7/5:2 C 17

Workshop on the Effects of Carbon Monoxide at High Altitude (1980 : Denver, Colo.)

Report of the National Commission on Air Quality, Workshop on the Effects of Carbon Monoxide at High Altitude :

October 9, 1980. — [Washington, D.C.?] : The Commission, [1980]

428 p. ; 28 cm. ●Item 1089 (microfiche)

1. Carbon monoxide — Congresses. 2. Air — Pollution — United States — Congresses. I. United States. National Commission on Air Quality. II. Title. OCLC 09246373

**83-12327**

**Y 3.Ai 7/5:10/7**

Regulatory Reform Workshop (1980 : Boulder, Colo.)

Regulatory Reform Workshop : summary statement of work. — [Washington, D.C.?] : National Commission on Air Quality, [1980]

27, [56] p. ; 28 cm. Caption title. "Contractor: ROMCOE." "8/5/80." "7." ●Item 1089 (microfiche)

1. Air quality management — United States — Congresses. 2. Air — Pollution — United States — Congresses. I. United States. National Commission on Air Quality. II. ROMCOE-Center for Environmental Problem Solving. III. Title. OCLC 09248327

**83-12328**

**Y 3.Ai 7/5:10/11 g**

Impact of state implementation plans on growth in the metropolitan Cincinnati and Louisville areas / by PEDCo Environmental, Inc. — Washington, D.C. : National Commission on Air Quality, [1980]

49 p. in various pagings : maps ; 28 cm. "August 1980." Includes bibliographical references. "Contract no. 11-AQ-7695, PN 3485-1-I." "11g." ●Item 1089 (microfiche)

1. Ohio — Industries. 2. Air quality management — Ohio. 3. Air — Pollution — Ohio. 4. Industry and state — Ohio. I. United States. National Commission on Air Quality. II. Pedco Environmental, inc. OCLC 09277154

## FEDERAL ELECTION COMMISSION
## Washington, DC 20463

**83-12329**

**Y 3.El 2/3:15/976/no.6**

FEC disclosure series. — Washington, D.C. : Federal Election Commission, [1976-

v. : ill. ; 22 x 28 cm. Description based on no. 6. "April 1977"—No. 6. Chiefly tables. Contents: no. 6. 1976 senatorial camapigns receipts and expenditures. ●Item 1091-A (microfiche)

1. Campaign funds — United States. I. United States. Federal Election Commission. II. Title: F.E.C. disclosure series. OCLC 03779105

## UNITED STATES METRIC BOARD
## Arlington, VA 22209

**83-12330**

**Y 3.M 56:2 P 94**

Federal procurement metrication, appropriateness and methods : (final report) / prepared by Science Management Corporation ; prepared for United States Metric Board. — Arlington, Va. : The Board, 1982.

76 p. in various pagings ; 28 cm. "September 18, 1982." Includes bibliographical references. ●Item 1089

1. Metric system — Law and legislation — United States. I. Science Management Corporation. II. United States Metric Board. OCLC 09290650

**83-12331**

**Y 3.M 56:2 Sa 1**

Effects of metric change on safety in the workplace for selected occupations : final report / prepared by Middlesex Research Center, Inc. ; prepared for the United States Metric Board. — Arlington, Va. : The Board, 1982.

1 v. (various pagings) : ill., forms ; 28 cm. "Metric safety study, USMB/MRC"—Cover. "21 April 1982." "Contract number AA-80-8605." ●Item 1089 (microfiche)

1. Metric system — United States. 2. Industrial safety — United States. I. Middlesex Research Center. II. United States Metric Board. III. Title: Metric safety study, USMB/MRC. OCLC 09100730

## NUCLEAR REGULATORY COMMISSION
## Washington, DC 20555

**83-12332**

**Y 3.N 88:10/0470/supp.2**

U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation.

Draft supplement to final environmental statement related to the construction of Allens Creek Nuclear Generating Station, Unit no. 1, docket no. 50-466 : Houston Lighting & Power Company. — Washington, D.C. : U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, [1980]

1 v. (various pagings) : ill. maps ; 28 cm. "December 1980." Includes bibliographical references. "NUREG-0470, Supp.2." ●Item 1051-H-11 (microfiche)

1. Atomic power-plants — Texas — Safety measures. 2. Nuclear facilities — Environmental aspects — Texas. 3. Electric power-plants — Texas. I. Title. II. Title: Allens Creek Nuclear Generating Station, Unit no. 1., docket no. 50-466 III. Title: Final environmental statement related to the construction of Allens Creek Nuclear Generating Station, Unit no. 1., docket no. 50-466 OCLC 09286013

**83-12333**

**Y 3.N 88:10/0528/supp.3**

U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation.

Safety evaluation report related to the operation of Wm. H. Zimmer Nuclear Power Station, Unit no. 1, docket no. 50-358 : Cincinnati Gas and Electric Company. — Washington, D.C. : U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, [1982]

39 p. in various pagings ; 28 cm. "August 1982." Includes bibliographical references. "NUREG-0528, supplement no. 3." ●Item 1051-H-2 (microfiche)

1. Atomic power-plants — Environmental aspects — Ohio. 2. Atomic power-plants — Ohio — Safety measures. 3. Electric power-plants — Ohio. I. Title. II. Title: Wm. H. Zimmer Nuclear Power Station, Unit no. 1, docket no. 50-358. OCLC 09247971

**83-12334**

**Y 3.N 88:10/0533**

Akstulewicz, F.

Aircraft impact risk assessment data base for asse[s]sments of fixed wing air carrier impact risk in the vicinity of airports / F. Akstulewicz, J. Read, and others. — Washington, D.C. : Accident Analysis Branch, Division of Site Safety and Environmental Analysis, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission ; Springfield, Va. : National Technical Information Service, 1979.

iv, 97 p. ; 28 cm. "Date published: June 1979." "NUREG-0533." ●Item 1051-H-2

1. Airports — United States — Runways. 2. Aeronautics — Accidents — Data processing. 3. Atomic power-plants — United States — Accidents. I. Read, J. (Jacques), 1935- II. U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation. Accident Analysis Branch. III. Title. OCLC 06392205

**83-12335**

**Y 3.N 88:10/0712/2/supp.3**

U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation.

Safety evaluation report related to the operation of San Onofre Nuclear Generating Station, Units 2 and 3, docket nos. 50-361 and 50-362 : Southern California Edison Company, et al. — Washington, D.C. : U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, [1981]

49 p. in various pagings ; 28 cm. "September 1981." "NUREG-0712, Supplement No. 3." ●Item 1051-H-2 (microfiche)

1. Atomic power-plants — California — Safety measures. 2. Nuclear facilities — Environmental aspects — California. I. Title. II. Title: San Onofre Nuclear Generating Station, Units 2 and 3, docket nos. 50-361 and 50-362. OCLC 09247918

**83-12336**

**Y 3.N 88:10/0717/supp.4**

U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation.

Safety evaluation report related to the operation of Virgil C. Summer Nuclear Station, Unit no. 1, docket no. 50-395 : South Carolina Electric and Gas Company. — Washington, D.C. : U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, [1982]

1 v. (various pagings) : ill. ; 28 cm. "August 1982." Bibliography: p. B-1. "NUREG-0717 supplement no. 4." ●Item 1051-H-2 (microfiche)

1. Atomic power-plants — South Carolina — Safety measures. 2. Atomic power-plants — Environmental aspects — South Carolina. 3. Electric power-plants — South Carolina. I. Title. II. Title: Virgil C. Summer Nuclear Station, Unit no. 1, docket no. 50-395. OCLC 09247166

**83-12337**

**Y 3.N 88:10/0813**

U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation.

Final environmental statement related to the operation of Callaway Plant, Unit no. 1, docket no. 50-483 : Union Electric Company. — Washington, D.C. : U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, 1982.

1 v. (various pagings) : ill. ; 28 cm. "January 1982." Includes bibliographical references. "NUREG-0813." ●Item 1051-H-2 (microfiche)

1. Atomic power-plants — Environmental aspects — Missouri. 2. Atomic power-plants — Missouri — Safety measures. I. Title. II. Title: Callaway Plant, Unit no. 1, docket no. 50-483. OCLC 08647605

**83-12338**

**Y 3.N 88:10/0823**

Integrated plant safety assessment : systematic evaluation program, Dresden nuclear power station unit 2, Commonwealth Edison Company, docket no. 50-237. — [Washington, D.C.?] : U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation ; Springfield, Va. : National Technical Information Service [distributor], 1982.

1 v. (various pagings) : ill. ; 28 cm. "Draft report." "October 1982." Includes bibliographical references. "NUREG-0823." ●Item 1051-H-2 (microfiche)

1. Atomic power-plants — Safety measures. 2. Atomic power-plants — Design and construction. I. Commonwealth Edison Company. II. U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation. III. Title: Dresden nuclear power station unit 2, Commonwealth Edison Company. OCLC 09290974

**83-12339**

**Y 3.N 88:10/0841/final**

U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation.

Final environmental statement related to the operation of Palo Verde Nuclear Generating Station, Units 1, 2, and 3, docket nos. STN 50-528, STN 50-529, and STN 50-530 : Arizona Public Service Company, et al. — Washington, D.C. : U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, 1982.

1 v. (various pagings) : ill. ; 28 cm. "February 1982." Includes bibliographies. "NUREG-0841." ●Item 1051-H-11 (microfiche)

1. Atomic power-plants — Environmental aspects — Arizona. 2. Nuclear facilities — Arizona. 3. Atomic power-plants — Arizona — Safety measures. I. Title. II. Title: Palo Verde Nuclear Generating Station, Units 1, 2, and 3, docket nos. STN 50-528, STN 50-529, and STN 50-530. OCLC 08647599

**83-12340**

**Y 3.N 88:10/0887/supp.1**

U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation.

Safety evaluation report related to the operation of Perry Nuclear Power Plant, Units no. 1 and 2, docket nos. 50-440 and 50-441 : Cleveland Electric Illuminating Company. — Washington, D.C. : U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, [1982]

40 p. in various pagings ; 28 cm. "August 1982." Includes bibliographical references. "NUREG-0887, supplement no. 1." ●Item 1051-H-2 (microfiche)

1. Atomic power-plants — Ohio — Safety measures. 2. Atomic power-plants — Environmental aspects — Ohio. 3. Electric power-plants — Ohio. I. Title. II. Title: Perry Nuclear Power Plant, Units 1 and 2, docket nos. 50-440 and 50-441. OCLC 09248017

**83-12341**

**Y 3.N 88:25/0169/v.11**

LOFT experimental measurements uncertainty analyses / prepared for the U.S. Nuclear Regulatory Commission, under DOE contract no. DE-AC07-761D01570. — Washington, D.C. : The Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : National Technical Information Service, 1981-

v. : ill. ; 28 cm. "EG&G Idaho, Inc." "U.S. Department of Energy, Idaho Operations Office, Idaho National Engineering Laboratory"—Cover. "Published June 1982"—Vol. XI. Includes bibliographical references. Contents: v. XI. Free-field pressure transducer / Lorenzo D. Goodrich, Gordon D. Lassahn. "FIN no. A6043." "NUREG/CR-0169." "EGG-2037." ●Item 1051-H-11 (microfiche)

1. Pressurized water reactors — Loss of coolant. 2. Pressure — Measurement. 3. Radiation. 4. Gamma rays. I. Lassahn, Gordon D. II. Goodrich, Lorenzo D. III. U.S. Nuclear Regulatory Commission. IV. EG&G Idaho. V. United States. Dept. of Energy. Idaho Operations Office. VI. Idaho National Engineering Laboratory. VII. Title: L.O.F.T. experimental measurements uncertainty analysis. OCLC 07950481

83-12342

Y 3.N 88:25/0320

Stored energy calculation : the state of the art / by M.E. Cunningham ... [et al.] ; prepared for the U.S. Department of Energy, under contract number EY-76-C-06-1830 ; to Fuel Behavior Research Branch, Division of Reactor Safety Research, U.S. Nuclear Regulatory Commission. — [Washington, D.C.?] : The Commission ; Springfield, Va. : Available from National Technical Information Service, [1978]

1 v. (various pagings) : ill. ; 28 cm. "Pacific Northwest Laboratory." "May 1978." Includes bibliographical references. "NUREG/CR-0320"—Cover. "PNL-2581." "NRC-1&3." ●Item 1051-H-11 (microfiche)

1. Nuclear fuel rods — Thermal properties. 2. Heat — Transmission — Mathematical models. I. Cunningham, M. E. II. United States. Dept. of Energy. III. U.S. Nuclear Regulatory Commission. Fuel Behavior Research Branch. IV. Pacific Northwest Laboratory. OCLC 09289040

83-12343

Y 3.N 88:25/0465

Worrell, Richard B.

A SETS user's manual for the fault free analyst / Richard B. Worrell, Desmond W. Stack ; prepared for Probabilistic Analysis Staff, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission, under interagency agreement DOE 40-550-75. — Washington, D.C. : The Commission ; Springfield, Va. : Available from National Technical Information Service, 1978.

96 p. : ill. ; 28 cm. "Sandia Laboratories." "Date published: November 1978." Includes bibliographical references. "NRC FIN no. A1191." "NUREG/CR-0465." "SAND77-2051." ●Item 1051-H-11 (microfiche)

1. Set theory — Mathematical models — Handbooks, manuals, etc. 2. Computer programs — Mathematical models — Handbooks, manuals, etc. I. Stack, Desmond W. II. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Probabilistic Analysis Staff. III. Sandia Laboratories. IV. Title. V. Title: A S.E.T.S. user's manual for the fault free analyst. OCLC 09247871

83-12344

Y 3.N 88:25/1029

Benjamin, Allan S.

Program plan for the investigation of vent-filtered containment conceptual designs for light water reactors / Allan S. Benjamin ; prepared for Probabilistic Analysis Staff, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission, under interagency agreement DOE 40-550-75. — Washington, D.C. : The Commission ; Springfield, Va. : Available from National Technical Information Service, 1979.

72 p. : ill. ; 28 cm. "Sandia Laboratories." "Date published: October 1979." Includes bibliographical references. "NRC FIN no. A1220." "NUREG/CR-1029." "SAND 79/1088." ●Item 1051-H-11 (microfiche)

1. Nuclear facilities — United States — Heating and ventilation. 2. Light water reactors — United States. 3. Nuclear reactors — United States — Containment. 4. Filters and filtration. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Probabilistic Analysis Staff. II. Sandia Laboratories. III. Title. OCLC 09246953

83-12345

Y 3.N 88:25/1162

Duliere, Sherwood F.

Equipment and procedures used for preparing specimens from prompt burst energetics experiments / Sherwood F. Duliere ; prepared for Division of Reactor Safety Research, U.S. Nuclear Regulatory Commission, under memorandum of understanding DOE 40-550-75. — Washington, DC : The Commission : Available from G.P.O. Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : National Technical Information Service, [1980?]

16 p. : ill. ; 28 cm. "Sandia Laboratories." "NRC FIN no. A1016." "NUREG/CR-1162." "SAND79-2265." ●Item 1051-H-11 (microfiche)

1. Pressurized water reactors — Cores — Accidents. 2. Heat storage. 3. Nuclear fuel elements — Thermal properties. I. U.S. Nuclear Regulatory Commission. Division of Reactor Safety Research. II. Sandia Laboratories. III. Title. OCLC 09248299

83-12346

Y 3.N 88:25/1419

Cost-benefits effects of conversion to SI units in health physics / Geoffrey G. Eichholts ... [et al.] ; prepared for the U.S. Nuclear Regulatory Commission, Office of Standards Development, under interagency agreement DOE 40-543-75 ; final report prepared under subcontract no. 7696 for Oak Ridge National Laboratory. — Washington, D.C. : The Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : National Technical Information Service, 1980.

viii, 41 p. ; 28 cm. "School of Nuclear Engineering, Georgia Institute of Technology." "Date published: May 1980." Includes bibligraphical references. "Contract no. W-7405-eng-26." "NRC FIN no. B-0225-8." "NUREG/CR-1419." "ORNL/NUREG-68." ●Item 1051-H-11 (microfiche)

1. Metric system — United States. 2. Radiation — Measurement. I. Eichholz, Geoffrey G. II. U.S. Nuclear Regulatory Commission. Office of Standards Development. III. Oak Ridge National Laboratory. IV. Georgia Institute of Technology. School of Nuclear Engineering. OCLC 09251090

83-12347

Y 3.N 88:25/1624

Load Combination Program progress report no. 5 / prepared by C.K. Chou ... [et al.] ; prepared for Division of Reactor Safety Research, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission. — Washington, D.C. : The Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : National Technical Information Service, 1980.

vii, 56 p. : ill. ; 28 cm. "Lawrence Livermore National Laboratory." "Date published: September 1980." Includes bibliographical references. "NRC FIN no. A0126." "NUREG/CR-1624." "UCID-18674." ●Item 1051-H-11

1. Atomic power-plants — United States — Natural disaster effects. 2. Earthquakes and atomic power-plants. 3. Nuclear facilities — United States — Design and construction. I. Chou, C. K. II. U.S. Nuclear Regulatory Commission. Division of Reactor Safety Research. III. Lawrence Livermore National Laboratory. OCLC 09286302

83-12348

Y 3.N 88:25/1672/v.3

Risk assessment methodology development for waste isolation in geologic media / prepared for Division of Systems and Reliability Research, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission. — Washington, D.C. : The Commission , 1980-

v. : ill. ; 28 cm. "Division of Risk Analysis"—Vol. 3. "Science Applications, Inc." "Date published: June 1982"—Vol. 3. Includes bibliographical references. Contents: v. 3.

Technical review of NUREG/CR-1636, vols. 1, 2, and 3 / C.A. Stevens ... [et al.]. "NRC FIN B6694." "NUREG/CR-1672." "SAI-288-82-PA"—Vol. 3. ●Item 1051-H-11 (microfiche)

1. Radioactive waste disposal in the ground — United States. 2. Soils, Radioactive substances in. 3. Risk — Evaluation. I. Stevens, C. A. II. U.S. Nuclear Regulatory Commission. Division of Systems and Reliability Research. III. U.S. Nuclear Regulatory Commission. Division of Risk Analysis. IV. Science Applications, inc. OCLC 08277077

**83-12349**

**Y 3.N 88:25/1759/v.2**

Data base for radioactive waste management / prepared for Division of Waste Management, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission. — Washington, D.C. : The Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : National Technical Information Service, 1981-

v. : ill. ; 28 cm. "Dames and Moore, Inc." "Date published: November 1981." Includes bibliographical references. Contents: v. 2. Waste source options report / R.E. Wild ... [et al.]. "NRC FIN B6420." "NUREG/CR-1759." ●Item 1051-H-11 (microfiche)

1. Radioactive waste disposal — United States. 2. Radioactive substances — United States — Transportation. 3. Radioactive waste disposal in the ground — United States. I. U.S. Nuclear Regulatory Commission. Division of Waste Management. II. Dames & Moore. OCLC 08909788

**83-12350**

**Y 3.N 88:25/1852/v.3**

Distribution coefficients for radionuclides in aquatic environments / prepared for Division of Health, Siting, and Waste Management, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission. — Washington, D.C. : The Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : National Technical Information Service, 1981-

v. : ill. ; 28 cm. "College of Fisheries, University of Washington." "Date published: September 1981"—Vol. 3. Includes bibliographical references. Contents: v. 3. Adsorption and desorption studies of 106Ru / T.H. Sibley, A. Sanchez, W.R. Schell. "NRC FIN B5749"—Vols. 3 and 6. "NUREG/CR-1852." ●Item 1051-H-11

1. Aquatic ecology — United States. 2. Radioisotopes. 3. Nuclear fuels — Environmental aspects — United States. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Health, Siting, and Waste Management. II. University of Washington. College of Fisheries. OCLC 07711844

**83-12351**

**Y 3.N 88:25/2015/v.2**

Seismic safety margins research program : phase 1 final report / prepared for Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission. — Washington, D.C. : The Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : National Technical Information Service, 1981-

v. : ill. ; 28 cm. "Lawrence Livermore Laboratory." "July 1981"—Vol. 2. "Date published: July 1981." Includes bibliographical references. Contents: v. 2. Plant/site selection and data collection (Project I) / T.Y. Chang. "NRC FIN no. A0130." "NUREG/CR-2015, Vol. 2." "UCRL-53021, Vol. 2." ●Item 1051-H-11 (microfiche)

1. Earthquakes and atomic power-plants. 2. Atomic power-plants — United States — Safety measures. I. Smith, P. D. (Paul D.), 1935- II. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. III. Lawrence Livermore Laboratory. OCLC 07412098

**83-12352**

**Y 3.N 88:25/2165**

Bennett, J. G.

An investigation of buckling of steel cylinders with circular cutouts reinforced in accordance with ASME rules / J.G. Bennett, R.C. Dove, T.A. Butler ; prepared for Division of Reactor Safety Research, Office of Nuclear Regulatory Research, Structural Engineering Research Branch, US Nuclear Regulatory Commission. — Washington, DC : The Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, US Nuclear Regulatory Commission ; Springfield, Va. : National Technical Information Service, 1981.

vi, 26 p. : ill. ; 28 cm. "Los Alamos Scientific Laboratory"—Cover. "Date published: June 1981." Includes bibliographical references. "Contract W-7405-ENG. 36." "NRC FIN no. A7221." "NUREG/CR-2165." "LA-8853-MS." ●Item 1051-H-11 (microfiche)

1. Shells (Engineering) 2. Atomic power-plants — United States — Design and construction. 3. Steel, Structural — Fatigue. 4. Strains and stresses. 5. Buckling (Mechanics) I. Dove, R. II. Butler, Thomas A. III. U.S. Nuclear Regulatory Commission. Division of Reactor Safety Research. IV. Los Alamos Scientific Laboratory. V. Title. OCLC 09251011

**83-12353**

**Y 3.N 88:25/2183**

Morris, D. G.

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**83-12355**

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**83-12356**

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**83-12367**

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**83-12368**

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**83-12370**

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Ott, L. J.

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**83-12371**

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83-12373

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Siegel, Arthur I.

Job analysis of maintenance mechanic position for the nuclear power plant maintenance personnel reliability model / Arthur I. Siegel, William D. Bartter, Felix F. Kopstein ; this work performed for Nuclear Regulatory Commission under DOE interagency agreement DOE 40-550-75, work performed under ORNL subcontract no. 40X-70527. — Washington, D.C. : The Commission : Available form GPO Sales Program Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : National Technical Information Service, 1982.

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Domian, H. A.

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Lee, W. J.

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Dougan, J. R.

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McDonald, F. N.

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**83-12378**

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Haggag, Fahmy M.

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**83-12379**

**Y 3.N 88:25/2773**

Vanka, S. P.

COMMIX-1A three-dimensional in-vessel simulation of the FFTF transient thermal hydraulics / by S.P. Vanka, H.M. Domanus, and W.T. Sha ; prepared for the Division of Reactor Safety Research, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission, under interagency agreement DOE 40-550-75. — Washington, D.C. : The Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : National Technical Information Service, [1982]

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1. Nuclear reactors — Computer programs. 2. Liquid metal fast breeder reactors. 3. Heat — Transmission — Computer programs. I. Domanus, H. M. II. Sha, William T. III. U.S. Nuclear Regulatory Commission. Division of Reactor Safety Research. IV. Argonne National Laboratory. Components Technology Division. V. Title. VI. Series: Technical memorandum (U.S. Nuclear Regulatory Commission). OCLC 09285942

**83-12380**

**Y 3.N 88:25/2775**

Ireland, J. R.

A TRACD-PD2 analysis of a large-break loss-of-coolant accident in a typical US PWR / J.R. Ireland ; prepared for Division of Accident Evaluation, Office of Nuclear Regulatory Research, US Nuclear Regulatory Commission. — Washington, DC : The Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, US Nuclear Regulatory Commission ; Springfield, Va. : National Technical Information Service, 1982.

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1. Pressurized water reactors — Loss of coolant — Data processing. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Accident Evaluation. II. Los Alamos National Laboratory. III. Title. IV. Title: A T.R.A.C.-P.D.2 analysis of a large-break loss-of-coolant accident in a typical US PWR. OCLC 09286844

**83-12381**

**Y 3.N 88:25/2781**

Evaluation of water hammer events in light water reactor plants / prepared by R.A. Uffer ... [et al.] ; prepared for Division of Safety Technology, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission. — Washington, D.C. : The Commission, 1982.

1 v. (various pagings) ; 28 cm. "Quadrex Corporation." "EG&G Idaho, Inc." "Date published: July 1982." Includes bibliographical references. "NRC FIN A6451." "NUREG/CR-2781." "QUAD-1-82-018." "EGG-2203." ●Item 1051-H-11 (microfiche)

1. Light water reactors — United States — Safety measures. 2. Water hammer. 3. Nuclear reactors — Fluid dynamics. 4. Water-pipes. I. Uffer, R. A. II. U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation. Division of Safety Technology. III. Quadrex Corporation. IV. EG&G Idaho. OCLC 09030667

**83-12382**

**Y 3.N 88:25/2790**

Chiapetta, R. L.

Automobile impact forces on concrete wall panels / prepared by R.L. Chiapetta, E.C. Pang ; prepared for Division of Engineering Technology, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission. — Washington, D.C. : The Commission, 1982.

xiii, 248 p. : ill. ; 28 cm. "Chiapetta, Welch & Associates, Ltd." "Date published: June 1982." Includes bibliographical references. "NRC FIN B6609." "NUREG/CR-2790." "CWA report 4010-FR." ●Item 1051-H-11 (microfiche)

1. Impact. 2. Nuclear reactors — United States — Design and construction. 3. Automobiles. 4. Concrete construction — Testing. I. Pang, E. C. II. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Engineering Technology. III. Chiapetta, Welch & Associates. IV. Title. OCLC 09266575

**83-12383**

**Y 3.N 88:25/2793**

Schmale, David T.

Techniques for elevated temperature mechanical testing / David T. Schmale, Robert W. Cross ; prepared by Sandia National Laboratories for the United States Department of Energy, under contract DE-AC04-76DP00789 ; prepared for U.S. Nuclear Regulatory Commission. — Washington, D.C. : The Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : National Technical Information Service, [1982]

35 p. : ill. ; 28 cm. Cover title. "NUREG/CR-2793." "SAND82-0727." ●Item 1051-H-11 (microfiche)

1. Mechanical wear. 2. Strains and stresses. 3. Heat resistant materials. I. Cross, Robert W. II. Sandia National Laboratories. III. United States. Dept. of Energy. IV. U.S. Nuclear Regulatory Commission. V. Title. OCLC 09286775

83-12384

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Cross, Robert W.

Computer use in the high temperature mechanical metallurgy testing laboratory / Robert W. Cross, Robert J. Hufnagel ; prepared by Sandia National Laboratories for the United States Department of Energy, under contract DE-AC04-76DP00789 ; prepared for U.S. Nuclear Regulatory Commission. — Washington, D.C. : The Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : National Technical Information Service, [1982]

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1. Digital computer simulation. 2. Metallurgical laboratories. 3. Metals at high temperatures. I. Hufnagel, Robert J. II. Sandia National Laboratories. III. United States. Dept. of Energy. IV. U.S. Nuclear Regulatory Commission. V. EG & G, inc. VI. Title. OCLC 09286807

83-12385

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Independent seismic evaluation of the Diablo Canyon Unit 1 containment annulus structure and selected piping systems / prepared by A.J. Philippacopoulos ... [et. al.] ; prepared for Division of Engineering, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission. — Washington, D.C. : The Commission, 1982.

x, 165 p. : ill. ; 28 cm. "Department of Nuclear Energy, Brookhaven National Laboratory." "Date published: August 1982." Includes bibliographical references. "NRC FIN A3377." "NUREG/CR-2834." "BNL-NUREG-51566." ●Item 1051-H-11 (microfiche)

1. Seismology — United States. 2. Nuclear reactors — California — Containment. 3. Atomic power-plants — California — Pipe lines. I. Philippacopoulos, A. J. II. U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation. Division of Engineering. III. Brookhaven National Laboratory. Dept. of Nuclear Energy. IV. Title: Diablo Canyon Unit 1 containment annulus structure and selected piping systems. OCLC 09286055

83-12386

Y 3.N 88:25/2890

Changery, Michael J.

Historical extreme winds for the United States : Great Lakes and adjacent regions / prepared by M.J. Changery ; prepared for Division of Health, Siting, and Waste Management, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission. — Washington, D.C. : The Commission, 1982.

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1. Winds — Measurement. 2. Buildings — Protection. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Health, Siting and Waste Management. II. National Climatic Center. III. Title. OCLC 09267508

83-12387

Y 3.N 88:25/2918

Soil-structure interaction analysis of A 5 kg HDR explosive test / by C.A. Kot ... [et al.] ; prepared for Division of Engineering Technology, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission, under interagency agreement DOE 40-550-75. — Washington, D.C. : The Commission : Available from GPO Sales Program Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : National Technical Information Service [distributor], 1982.

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1. Soil structure — Testing. 2. Explosions — Testing. 3. Atomic power-plants — Design and construction — Testing. I. Kot, C. A. II. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Engineering Technology. III. Argonne National Laboratory. Components Technology Division. OCLC 09290717

83-12388

Y 3.N 88:27/0026

Workshop on Psychological Stress Associated with the Proposed Restart of Three Mile Island, Unit 1 (1982 : McLean, Va.)

Proceedings of the Workshop on Psychological Stress Associated with the Proposed Restart of Three Mile Island, Unit 1 held at McLean, Virginia, February 4-5, 1982 / P. Walker ... [et al.] ; sponsored by Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission ; proceedings prepared by Energy and Resources Division, the MITRE Corporation. — Washington, D.C. : The Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : National Technical Information Service, 1982.

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1. Stress (Psychology) — Congresses. 2. Three Mile Island Nuclear Plant (Pa.) — Congresses. 3. Atomic power-plants — Pennsylvania — Accidents — Congresses. I. Walker, P. (Pamela), 1948- II. U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation. III. Mitre Corporation. Energy and Resources Division. IV. Title. OCLC 08932226

83-12389

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U.S. Nuclear Regulatory Commission. Division of Rules and Records.

Regulations handbook. — [Washington, D.C.?] : United States Nuclear Regulatory Commission, Division of Rules and Records, Office of Administration, [1982]

1 v. (various pagings) ; 28 cm. Cover title. "August 1982." Includes index. "NUREG/BR-0053." ●Item 1051-H-20 (microfiche)

1. U.S. Nuclear Regulatory Commission — Rules and practice — Handbooks, manuals, etc. I. Title. OCLC 09267678

## NATIONAL ADVISORY COMMITTEE ON OCEANS AND ATMOSPHERE
## Washington, DC 20230

**83-12390**

**Y 3.Oc 2:2 W 37**

The Future of the nation's weather services / [edited by Victoria J. Jones]. — Washington, D.C. : National Advisory Committee on Oceans and Atmosphere, 1982.

x, 72 p. : ill., 1 map, port. ; 23 cm. Head of title: A special report to the President and the Congress. "July 1982." Bibliography: p. 57. ●Item 1070-J

1. Meteorological services — United States. I. Jones, Victoria J. II. United States. National Advisory Committee on Oceans and Atmosphere. OCLC 08960812

## SHIP STRUCTURE COMMITTEE
## Washington, DC 20590

**83-12391**

**Y 3.Sh 6:SSC-275**

Francis, Philip H.

The effect of strain rate on the toughness of ship steels / by P.H. Francis, T.S. Cook, A. Nagy. — Washington, D.C. : U.S. Coast Guard Headquarters ; Springfield, Va. : National Technical Information Service, [distributor], 1978.

ix, 64 p. : ill. ; 26 cm. — (SSC- 275) At head of title: Final report on project SR-1231, "Fracture criteria based on loading rates." "Southwest Research Institute, under Department of the Navy, Naval Sea Systems Command, contract no. N00024-75-C-4284." "Ship Structure Committee"—Cover. Includes bibliographical references. ●Item 1072-A (microfiche)

1. Strains and stresses. 2. Hulls (Naval architecture) — Welding. 3. Ships — Welding. 4. Ship resistance. I. Cook, T. S. II. Nagy, Andrew. III. United States. Coast Guard. IV. United States. Ship Structure Committee. V. United States. Naval Sea Systems Command. VI. Southwest Research Institute. VII. Title. VIII. Series: Ship Structure Committee publications ; SSC-275. OCLC 09315102

**83-12392**

**Y 3.Sh 6:SSC-276**

Francis, Philip H.

Fracture behavior characterization of ship steels and weldments / P.H. Francis, T.S. Cook, A. Nagy. — Washington, D.C. : U.S. Coast Guard Headquarters ; Springfield, Va. : National Technical Information Service, [distributor], 1978.

vii, 81 p. : ill. ; 28 cm. — (SSC ; 276) At head of title: Final report on project SR-1224 "Fracture Criteria". "Southwest Research Institute under Department of the Navy, Naval Sea Systems Command contract no. N00024-75—C-4058. "Ship Structure Committee"—Cover. Includes bibliographical references. ●Item 1072-A (microfiche)

1. Welded joints — Fatigue. 2. Ships — Welding. 3. Steel — Welding. I. Cook, T. S. II. Nagy, Andrew. III. United States. Coast Guard. IV. United States. Ship Structure Committee. V. United States. Naval Sea Systems Command. VI. Southwest Research Institute. VII. Title. VIII. Series: Ship Structure Committee publications ; SSC-276. OCLC 04256948

**83-12393**

**Y 3.Sh 6:SSC-307**

Pense, Alan W.

Evaluation of fracture criteria for ship steels and weldments. — [Washington, D.C.] : Ship Structure Committee ; [Springfield, Va. : National Technical Information Service, distributor, 1981]

vi, 45 p. : ill. ; 28 cm. — (SSC ; 307) Cover title. Includes bibliographical references. ●Item 1072-A (microfiche)

1. Steel — Fracture. 2. Steel — Welding. 3. Hulls (Naval architecture) — Welding. I. United States. Ship Structure Committee. II. Title. III. Series: Ship Structure Committee publications ; SSC-307. OCLC 09294374

## TECHNOLOGY ASSESSMENT OFFICE
## Washington, DC 20510

**83-12394**

**Y 3.T 22/2:2 D 84/3**

Postmarketing surveillance of prescription drugs. — Washington, D.C. : Congress of the United States, Office of Technology Assessment : For sale by the Supt. of Docs., U.S. G.P.O., [1982]

ix, 70 p. : ill. ; 26 cm. "November 1982." Includes index. Bibliography: p. 63-65. "OTA-H-189"—P. [4] of cover. ●Item 1070-M S/N 052-003-00893-9 @ GPO $5.00

1. Drugs — Prescribing — United States. 2. Drugs — Law and legislation — United States. I. United States. Congress. Office of Technology Assessment. 82-600652 OCLC 09164512

## TENNESSEE VALLEY AUTHORITY
## Knoxville, TN 37902

**83-12395**

**Y 3.T 25:2 G 21/3**

Rotary gas expander for energy recovery from natural gas expansion : final report / sponsored by Tennessee Valley Authority. — Chattanooga, Tenn. : The Authority, [1981]

33 leaves : ill. ; 28 cm. "Creative Energy Associates, Inc." "December 15, 1981. "Contract no. TV-55530A under the Innovative Energy Conservation Research Program." ●Item 1080 (microfiche)

1. Gas, Natural — United States — Technological innovations. I. Tennessee Valley Authority. II. Creative Energy Associates. OCLC 08239634

**83-12396**

**Y 3.T 25:2 Sa 1**

Safety talks. — Muscle Shoals, Ala. : Health & Safety Training Branch, Office of Health & Safety, Division of Occupational Health & Safety, Tennessee Valley Authority, [1982?]

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1. Industrial safety — United States. I. Tennessee Valley Authority. Health & Safety Training Branch. OCLC 09311289

## WATER RESOURCES COUNCIL
## Washington, DC 20037

**83-12397**

**Y 3.W 29:2 M 56**

Analysis of methodologies used for the assessment of wetlands values : final report / Robert I. Lonard ... [et al.] ; prepared for Director, U.S. Water Resources Council. — Washington, D.C. : The Council, 1981.

80 p. in various pagings : ill. ; 28 cm. At head of title: Technical report. "Environmental Laboratory, U.S. Army Engineer Waterways Experiment Station." "September 1981." Bibliography: p. 27-29. ●Item 1090 (microfiche)

1. Wetlands — United States. I. Lonard, Robert I. II. Water Resources Council (U.S.) III. U.S. Army Engineer Waterways Experiment Station. Environmental Laboratory. OCLC 07986536

## AGING, Special Committee on, Senate
## Washington, DC 20510

**83-12398**

**Y 4.Ag 4:El 2/3**

United States. Congress. Senate. Special Committee on Aging.
Long-term health care for the elderly : hearing before the Special Committee on Aging, United States Senate, Ninety-seventh Congress, second session, Newark, N.J., July 26, 1982. — Washington : U.S. G.P.O., 1982.
iii, 73 p. ; 24 cm. ●Item 1009-B-1, 1009-C-1 (microfiche)
1. Aged — Medical care — United States. 2. Long-term care of the sick — United States. 3. Aged — Medical care — United States — Finance. 4. Long-term care of the sick — United States — Finance. I. Title. OCLC 09269464

**83-12399**

**Y 4.Ag 4:H 81/8**

United States. Congress. Senate. Special Committee on Aging.
The impact of the administration's housing proposals on older Americans : hearing before the Special Committee on Aging, United States Senate, Ninety-seventh Congress, second session, Washington, D.C., April 23, 1982. — Washington : U.S. G.P.O., 1983.
iii, 70 p. ; 24 cm. ●Item 1009-B-1, 1009-C-1 (microfiche)
1. Aged — United States — Dwellings. 2. Public housing — Government policy — United States. 3. Aged — Government policy — United States. I. Title. OCLC 09275189

**83-12400**

**Y 4.Ag 4:N 93/7**

United States. Congress. Senate. Special Committee on Aging.
Nursing home survey and certification : assuring quality care : hearing before the Special Committee on Aging, United States Senate, Ninety-seventh Congress, second session, Washington, D.C., July 15, 1982. — Washington : U.S. G.P.O., 1982.
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1. Nursing homes — Certification — United States. 2. Nursing homes — Law and legislation — United States. 3. Nursing home patients — Care and treatment — United States. I. Title. OCLC 09269902

## AGING, Select Committee on, House
## Washington, DC 20515

**83-12401**

**Y 4.Ag 4/2:N 42 j/3**

United States. Congress. House. Select Committee on Aging.
Crime and the elderly : New Jersey : hearing before the Select Committee on Aging, House of Representatives, Ninety-seventh Congress, second session, August 27, 1982, Englewood, N.J. — Washington : U.S. G.P.O., 1982.
iii, 63 p. ; 24 cm. "Comm. pub. no. 97-360." ●Item 1009-B-2, 1009-C-2 (microfiche)
1. Aged — New Jersey — Crimes against. 2. Crime and age. 3. Victims of crimes — New Jersey. I. Title. OCLC 09267180

**83-12402**

**Y 4.Ag 4/2:Ol 1/9/982**

Protecting older Americans against overpayment of income taxes : (a revised checklist of itemized deductions for use in taxable year 1982) : information on 1982 federal tax filing / prepared for the Select Committee on Aging, U.S. House of Representatives, Ninety-eighth Congress, first session. — Rev. ed. — Washington : U.S. G.P.O., 1983.
ii, 30 p. ; 24 cm. At head of title: Committee print. "January 1983." "Comm. pub. no. 97-380." ●Item 1009-B-2, 1009-B-3 (microfiche)
1. Aged — Taxation — United States. 2. Income tax — United States — Deductions. 3. Tax credits — United States. I. United States. Congress. House. Select Committee on Aging. OCLC 09274666

**83-12403**

**Y 4.Ag 4/2:Ol 1/18**

United States. Congress. House. Select Committee on Aging.
Old and young : generations at the crossroads : hearing before the Select Committee on Aging, House of Representatives, Ninety-seventh Congress, second session, September 8, 1982. — Washington : U.S. G.P.O., 1982.
iii, 48 p. ; 24 cm. "Comm. pub. no. 97-361." ●Item 1009-B, 1009-C (microfiche)
1. Children and the aged — United States. I. Title. II. Title: Generations at the crossroads. OCLC 09269924

**83-12404**

**Y 4.Ag 4/2:R 31/18**

United States. Congress. House. Select Committee on Aging. Subcommittee on Retirement Income and Employment.
Comprehensive retirement reform and employment : Vermont : hearing before the Subcommittee on Retirement Income and Employment of the Select Committee on Aging, House of Representatives, Ninety-seventh Congress, second session, June 11, 1982, Woodstock, Vt. — Washington : U.S. G.P.O., 1982.
iv, 157 p. : ill. ; 24 cm. Includes bibliographical references. "Comm. pub. no. 97-351." ●Item 1009-B, 1009-C (microfiche)
1. Retirement, Mandatory — Vermont. 2. Aged — Employment — Vermont. 3. Aged — Government policy — Vermont. I. Title. OCLC 09319622

**83-12405**

**Y 4.Ag 4/2:R 31/19**

United States. Congress. House. Select Committee on Aging.
The end of mandatory retirement : hearing before the Select Committee on Aging, House of Representatives, Ninety-seventh Congress, second session, July 16, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]
iii, 65 p. ; 24 cm. "Comm. pub. no. 97-364." ●Item 1009-B-2, 1009-C-2 (microfiche)
1. Aged — Employment — United States. 2. Age and employment — United States. 3. Retirement, Mandatory — United States. I. Title. OCLC 09299021

## AGRICULTURE, Committee on, House
## Washington, DC 20515

**83-12406**

**Y 4.Ag 8/1:97-FFFF**

United States. Congress. House. Committee on Agriculture. Subcommittee on Department Operations, Research, and Foreign Agriculture.
Miscellaneous APHIS programs : hearing before the Subcommittee on Department Operations, Research, and Foreign

Agriculture of the Committee on Agriculture, House of Representatives, Ninety-seventh Congress, second session, on H.R. 5455, H.R. 5456, H.R. 6678, H.R. 6679, and H.R. 7005, September 21, 1982. — Washington : U.S. G.P.O., 1982.

iii, 51 p. ; 24 cm. "Serial no. 97-FFFF." ●Item 1010-A, 1010-B (microfiche)

1. United States. Animal and Plant Health Inspection Service. 2. Plant inspection — United States. 3. Plant quarantine — United States. 4. Quarantine, Veterinary — United States. I. Title. II. Title: Miscellaneous A.P.H.I.S. programs. OCLC 09298922

## AGRICULTURE, NUTRITION, AND FORESTRY, Committee on, Senate Washington, DC 20510

**83-12407**

**Y 4.Ag 8/3:B 43**

United States. Congress. Senate. Committee on Agriculture, Nutrition, and Forestry, Subcommittee on Foreign Agricultural Policy.

Benefits of processed and value-added products in agricultural exports : hearing before the Subcommittee on Foreign Agricultural Policy of the Committee on Agriculture, Nutrition, and Forestry, United States Senate, Ninety-seventh Congress, second session, September 21, 1982. — Washington : U.S. G.P.O., 1983.

iii, 97 p. : ill. ; 24 cm. Includes bibliographical references. ●Item 1032-C, 1032-D (microfiche)

1. Export sales — United States. 2. Food industry and trade — United States. 3. Farm produce — United States. I. Title. OCLC 09275155

**83-12408**

**Y 4.Ag 8/3:M 33**

United States. Congress. Senate. Committee on Agriculture, Nutrition, and Forestry. Subcommittee on Forestry, Water Resources, and Environment.

Cultivation of marihuana in national forests : hearing before the Subcommittee on Forestry, Water Resources, and Environment of the Committee on Agriculture, Nutrition, and Forestry, United States Senate, Ninety-seventh Congress, second session, September 30, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

iv, 149 p. ; 24 cm. Bibliography: p. 120-127. ●Item 1032-C, 1032-D (microfiche)

1. Marihuana. 2. Cannabis. 3. Forest reserves — United States. I. Title. OCLC 09269304

**83-12409**

**Y 4.Ag 8/3:R 32**

United States. Congress. Senate. Committee on Agriculture, Nutrition, and Forestry. Subcommittee on Forestry, Water Resources, and Environment.

Release of reversionary interest of the United States in certain lands in Arkansas : hearing before the Subcommittee on Forestry, Water Resources, and Environment of the Committee on Agriculture, Nutrition, and Forestry, United States Senate, Ninety-seventh Congress, second session, on H.R. 3881 ... July 22. 1982. — Washington : U.S. G.P.O., 1982.

iii, 7 p. ; 24 cm. ●Item 1032-C, 1032-D (microfiche)

1. Land titles — Registration and transfer — Arkansas. I. Title. 82-603534 OCLC 09242253

## APPROPRIATIONS, Committee on, House Washington, DC 20515

**83-12410**

**Y 4.Ap 6/1:Ag 8/983/pt.8**

United States. Congress. House. Committee on Appropriations. Subcommittee on Agriculture, Rural Development, and Related Agencies.

Agriculture, rural development, and related agencies appropriations for 1983 : hearing before a subcommittee of the Committee on Appropriations, House of Representatives, Ninety-seventh Congress, second session / Subcommittee on Agriculture, Rural Development, and Related Agencies. — Washington : U.S. G.P.O., 1982-

v. : ill. ; 24 cm. Includes bibliographical references and indexes. Contents: pt. 8. Farm programs. ●Item 1011, 1011-A (microfiche)

1. United States. Dept. of Agriculture — Appropriations and expenditures. 2. United States — Appropriations and expenditures, 1983. I. Title. KF27.A628 1982 82-601971 353.0072/2368233 ¢2 19 OCLC 08501892

**83-12411**

**Y 4.Ap 6/1:B 85/6/984**

United States. Congress. House. Committee on Appropriations.

Views and estimates on the budget proposed for fiscal year ... together with separate and additional views / submitted by Mr. Whitten, Chairman of the Committee on Appropriations, pursuant to section 301 of the Congressional Budget Act of 1974 to the Committee on the Budget. Washington : U.S. G.P.O.,

v. ; 24 cm.

Annual At head of title: Committee print. Title varies slightly. Description based on: Fiscal year 1982. Report covers fiscal year 1984. ●Item 1011, 1011-A (microfiche) ISSN 0743-9970

1. Budget — United States — Periodicals. 2. United States — Appropriations and expenditures — Periodicals. I. United States. Congress. House. Committee on the Budget. Key Title: Views and estimates on the budget proposed II. Title. HJ10.B385a 81-649715 353.0072/225/05 OCLC 04799677

**83-12412**

**Y 4.Ap 6/1:En 2/2/983/pt.6**
**Y 4.Ap 6/1:En 2/2/983/pt.8**

United States. Congress. House. Committee on Appropriations. Subcommittee on Energy and Water Development.

Energy and water development appropriations for 1983 : hearings before a subcommittee of the Committee on Appropriations, House of Representatives, Ninety-seventh Congress, second session / Subcommittee on Energy and Water Development. — Washington : U.S. G.P.O., 1982-

v. : ill., maps ; 24 cm. Includes indexes. Contents: pt. 6. Department of Energy ... — pt. 8. Testimony of members of Congress and other interested individuals and organizations. ●Item 1011, 1011-A (microfiche)

1. Water resources development — United States — Finance. 2. Power resources — United States — Finance. 3. United States — Appropriations and expenditures, 1983. I. Title. KF27.A64 1982 82-601875 353.0072/236871 ¢2 19 OCLC 08397156

83-12413

Y 4.Ap 6/1:M 59/6/983/pt.2-3
Y 4.Ap 6/1:M 59/6/983/pt.5

United States. Congress. House. Committee on Appropriations. Subcommittee on Military Construction Appropriations.

Military construction appropriations for 1983 : hearings before a subcommittee of the Committee on Appropriations, House of Representatives, Ninety-seventh Congress, second session / Subcommittee on Military Construction Appropriations. — Washington : U.S. G.P.O., 1982-

v. : ill., maps ; 24 cm. Includes indexes. Contents: pt. 2. Justification of the budget ... — pt. 3. Fiscal year 1983 military construction ... — pt. 5. MX program .... ●Item 1011, 1011-A (microfiche)

1. United States. Dept. of Defense — Appropriations and expenditures. 2. United States — Armed Forces — Military construction operations — Law and legislation. 3. United States — Appropriations and expenditures, 1983. I. Title. KF27.A655 1982 82-601503 //r822 355.6/22/0973 ¢2 19 OCLC 08250517

83-12414

Y 4.Ap 6/1:M 59/6/983/pt.4

United States. Congress. House. Committee on Appropriations. Subcommittee on Military Construction Appropriations.

Military construction appropriations for 1983 : hearings before a subcommittee of the Committee on Appropriations, House of Representatives, Ninety-seventh Congress, second session / Subcommittee on Military Construction Appropriations. — Washington : U.S. G.P.O., 1982-

v. : ill., maps ; 24 cm. Includes indexes. Contents: pt. 4. Army military construction program .... ●Item 1011, 1011-A (microfiche)

1. United States. Dept. of Defense — Appropriations and expenditures. 2. United States — Armed Forces — Military construction operations — Law and legislation. 3. United States — Appropriations and expenditures, 1983. I. Title. KF27.A655 1982 82-601503 //r822 355.6/22/0973 ¢2 19 OCLC 08250517

83-12415

Y 4.Ap 6/1:T 68/4/983/pt.3

United States. Congress. House. Committee on Appropriations. Subcommittee on Dept. of Transportation and Related Agencies Appropriations.

Department of Transportation and related agencies appropriations for 1983 : hearings before a subcommittee of the Committee on Appropriations, House of Representatives, Ninety-seventh Congress, second session / Subcommittee on the Department of Transportation and Related Agencies Appropriations .... — Washington : U.S. G.P.O., 1982-

v. : ill. ; 24 cm. Contents: pt. 3. Department of Transportation .... ●Item 1011, 1011-A (microfiche)

1. United States. Dept. of Transportation — Appropriations and expenditures. 2. United States — Appropriations and expenditures, 1983. I. Title. KF27.A667 1982 82-601626 353.86 ¢2 19 OCLC 08365043

83-12416

Y 4.Ap 6/1:T 71/983/pt.3

United States. Congress. House. Committee on Appropriations. Subcommittee on the Treasury, Postal Service, and General Government Appropriations.

Treasury, Postal Service, and general government appropriations for fiscal year 1983 : hearings before a subcommittee of the Committee on Appropriations, House of Representatives, Ninety-seventh Congress, second session / Subcommittee on the Treasury, Postal Service, and General Government Appropriations. — Washington : U.S. G.P.O., 1982-

v. : ill. ; 24 cm. Includes indexes. Contents: pt. 3. Executive Office of the President. ●Item 1011, 1011-A (microfiche)

1. United States — Appropriations and expenditures, 1983. I. Title. OCLC 08819027

## APPROPRIATIONS, Committee on, Senate
## Washington, DC 20510

83-12417

Y 4.Ap 6/2:Ag 8/5/983/pt.3

United States. Congress. Senate. Committee on Appropriations. Subcommittee on Agriculture, Rural Development, and Related Agencies.

Agriculture, rural development, and related agencies appropriations for fiscal year 1983 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-seventh Congress, second session. — Washington : U.S. G.P.O. : For sale by the Supt. of Docs., U.S. G.P.O., 1982-

v. : ill. ; 24 cm. "Fiscal year 1983"—Cover. Includes index. Contents: pt. 3. Nondepartmental witnesses. ●Item 1033, 1033-A (microfiche) S/N 052-070-05786-6 (pt. 3) @ GPO $8.50 (pt. 3)

1. United States. Dept. of Agriculture — Appropriations and expenditures. 2. United States — Appropriations and expenditures, 1983. I. Title. KF26.A643 1982 82-602454 353.0072/2368233 ¢2 19 OCLC 08655756

83-12418

Y 4.Ap 6/2:D 36/4/983/pt.2-3

United States. Congress. Senate. Committee on Appropriations. Subcommittee on Dept. of Defense.

Department of Defense appropriations for fiscal year 1983 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-seventh Congress, second session. — Washington : U.S. G.P.O. : For sale by the Supt. of Docs., U.S. G.P.O., 1982-

v. : ill. ; 24 cm. Includes indexes. Contents: pt. 2. MX programs ... — pt. 3. Airlift requirements .... ●Item 1033, 1033-A (microfiche) S/N 052-070-05794-7 (pt. 2) @ GPO ; 052-070-05801-3 (pt. 3) @ GPO $8.50 (pt. 2) $9.00 (pt. 3)

1. United States. Dept. of Defense — Appropriations and expenditures. I. Title. OCLC 08812180

83-12419

Y 4.Ap 6/2:D 63/983

United States. Congress. Senate. Committee on Appropriations. Subcommittee on District of Columbia.

District of Columbia appropriations for fiscal year 1983 : hearings before a subcommittee of the Committee on Appropriations, Ninety-seventh Congress, second session, on H.R. 7144 .... — Washington : U.S. G.P.O., 1983.

iii, 462, v p. : ill. ; 24 cm. G.P.O. sales statement incorrect in publication. Includes bibliographical references and index. "Senate hearings"—Cover. ●Item 1033-A, 1033-B (microfiche)

1. United States — Appropriations and expenditures, 1983. 2. Washington (D.C.) — Appropriations and expenditures. I. Title. OCLC 09318468

83-12420

Y 4.Ap 6/2:In 8/983/pt.1

United States. Congress. Senate. Committee on Appropriations. Subcommittee on the Dept. of the Interior and Related Agencies.

Department of the Interior and related agencies appropriations for fiscal year 1983 : hearings before a subcommittee of

the Committee on Appropriations, United States Senate, Ninety-seventh Congress, second session. — Washington : U.S. G.P.O. : For sale by the Supt. of Docs., U.S. G.P.O., 1983-

v. ; 24 cm. Includes indexes. Contents: pt. 1. Commission of Fine Arts .... ●Item 1033, 1033-A (microfiche) S/N 052-070-05802-1 @ GPO $11.00

1. United States. Dept. of the Interior — Appropriations and expenditures. 2. United States — Appropriations and expenditures, 1983. 3. Budget — United States. I. Title. OCLC 09290215

**83-12421**

**Y 4.Ap 6/2:W 78**

United States. Congress. Senate. Committee on Appropriations. Subcommittee on Departments of State, Justice, and Commerce, the Judiciary, and Related Agencies.

Federal witness security program : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-seventh Congress, second session : special hearing. — Washington : U.S. G.P.O. : For sale by the Supt. of Docs., U.S. G.P.O., 1982 [i.e. 1983]

ii, 189, iv : ill., forms ; 24 cm. Includes indexes. ●Item 1033, 1033-A (microfiche) S/N 052-070-05805-6 @ GPO $5.50

1. Witnesses — United States — Protection. 2. United States marshals. I. Title. OCLC 09285705

**83-12422**

**Y 4.Aq 4:R 88/8**

United States. Congress. Senate. Special Committee on Aging.

Rural older Americans : unanswered questions : hearing before the Special Committee on Aging, United States Senate, Ninety-seventh Congress, second session, Washington, D.C., May 19, 1982. — Washington : U.S. G.P.O., 1982.

iii, 113 p. : ill., maps ; 24 cm. G.P.O. sales statement incorrect in publication. ●Item 1009-B, 1009-C (microfiche)

1. Rural conditions. 2. Aged — United States. 3. Aged — United States — Economic conditions. I. Title. OCLC 09288755

## ARMED SERVICES, Committee on, House
## Washington, DC 20515

**83-12423**

**Y 4.Ar 5/2 a:981-82/6/pt.2**
**Y 4.Ar 5/2 a:981-82/6/pt.5**

United States. Congress. House. Committee on Armed Services.

Hearings on military posture and H.R. 2970 (H.R. 3519) ... before the Committee on Armed Services, House of Representatives, Ninety-seventh Congress, first session .... — Washington : U.S. G.P.O. : For sale by the Supt. of Docs., U.S. G.P.O., 1981-

v. : ill., maps ; 24 cm. "H.R. 745"—Pt. 5. "Hearings held March 11, 12, 16, 18, 19, 20, 23, 24, 25, 26, 31, April 9, and 29, 1981"—Pt. 2. "Hearings held February 26, March 2, 5, 9, 11, 12, 18, 19, 25, 26, April 1, 2, and 29, 1981"—Pt. 5. Pts. 2 and 5 not for sale by G.P.O. Includes indexes. Contents: pt. 2. Procurement of aircraft, missiles, tracked combat vehicles, torpedoes, and other weapons, Title I — pt. 5. Operation and maintenance, Title III. "H.A.S.C. no. 97-6." ●Item 1012-A, 1012-B (microfiche)

1. United States. Dept. of Defense — Appropriations and expenditures. 2. United States — Appropriations and expenditures, 1982. 3. United States — Armed Forces — Procurement. I. Title. OCLC 07607343

**83-12424**

**Y 4.Ar 5/2 a:981-82/33/pt.6**

United States. Congress. House. Committee on Armed Services.

Hearings on military posture and H.R. 5968 (H.R. 6030), Department of Defense authorization for appropriations for fiscal year 1983 before the Committee on Armed Services, House of Representatives, Ninety-seventh Congress, second session. — Washington : U.S. G.P.O., 1982-

v. : ill. ; 24 cm. "February 19, March 2, 3, 4, 11, 23, 25, and 26, 1982"—Pt. 6 Includes indexes. Contents: pt. 6. Operation and maintenance, Title III. "H.A.S.C. 97-33." ●Item 1012-A, 1012-B (microfiche)

1. United States. Dept. of Defense — Appropriations and expenditures. 2. United States — Military policy. 3. United States — Appropriations and expenditures, 1983. I. Title. KF27.A7 1982 82-602217 343.73/034 [347.30334 ¢2 19] OCLC 08556989

**83-12425**

**Y 4.Ar 5/2 a:981-82/53**

United States. Congress. House. Committee on Armed Services.

Full committee consideration of H.R. 1856 ... / Committee on Armed Services, House of Representatives, Ninety-seventh Congress, second session, September 30, 1982. — Washington : U.S. G.P.O., 1982.

ii, 5 p. ; 24 cm. "H.A.S.C. no. 97-53." ●Item 1012-A, 1012-B (microfiche)

1. Surplus government property — United States. 2. Civil defense. I. Title. OCLC 09318441

**83-12426**

**Y 4.Ar 5/2 a:981-82/57**

United States. Congress. House. Committee on Armed Services. Military Personnel and Compensation Subcommittee.

Technical corrections to the Defense Officer Personnel Management Act (DOPMA) and consideration of reconciliation recommendations : hearing before the Military Personnel and Compensation Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-seventh Congress, second session, June 4, 1981. — Washington : U.S. G.P.O., 1982.

ii, 17 p. ; 24 cm. "H.A.S.C. no. 97-57." ●Item 1012-A, 1012-B (microfiche)

1. Soldiers — United States — Pensions. 2. Retired military personnel. I. Title. OCLC 09290273

**83-12427**

**Y 4.Ar 5/2 a:981-82/60**

United States. Congress. House. Committee on Armed Services. Subcommittee on Investigations.

Status of the army tank program : hearing before the Investigations Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-seventh Congress, second session, November 5, 1981. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

ii, 42 p. : ill. ; 24 cm. "H.A.S.C. no. 97-60." ●Item 1012-A, 1012-B (microfiche)

1. Tanks (Military science) 2. United States. Army — Equipment. I. Title. OCLC 09257094

**83-12428**

**Y 4.Ar 5/2 a:981-82/62**

United States. Congress. House. Committee on Armed Services. Readiness Subcommittee.

Hearing on contract awards for charter and conversion of TAKX pre-positioning ships program before the Readiness Subcommittee of the Committee on Armed Services, House of Representatives, second session, September 17, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

ii, 130 p. : ill. ; 24 cm. "H.A.S.C. no. 97-62." ●Item 1012-A, 1012-B (microfiche)

1. Ships — Reconstruction. 2. Warships — Costs. 3. Industrial equipment leases — United States. I. Title. OCLC 09307814

**83-12429**

**Y 4.Ar 5/2 a:981-82/67**

United States. Congress. House. Committee on Armed Services. Subcommittee on Investigations.

Oversight hearing on physical security at U.S. military bases : hearing before the Investigations Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-seventh Congress, second session, December 15, 1982. — Washington : U.S. G.P.O., 1983.

ii, 60 p. ; 24 cm. "H.A.S.C. no. 97-67." ●Item 1012-A, 1012-B (microfiche)

1. Military bases — United States — Security measures. I. Title. OCLC 09279173

## ARMED SERVICES, Committee on, Senate Washington, DC 20510

**83-12430**

**Y 4.Ar 5/3:D 36/7/983/pt.7**

United States. Congress. Senate. Committee on Armed Services.

Department of Defense authorization for appropriations for fiscal year 1983 : hearings before the Committee on Armed Services, United States Senate, Ninety-seventh Congress, second session, on S. 2248 .... — Washington : U.S. G.P.O., 1982-

v. : ill., maps ; 24 cm. "February 23, 24, 26; March 1, 2, 5, 8, 10, 12, 15, 16, 17, 22, 1982"—Pt. 7. Includes index—Pt. 7. Contents: pt. 7. Strategic and theater nuclear forces. ●Item 1034-A, 1034-B (microfiche)

1. United States. Dept. of Defense — Appropriations and expenditures. I. Title. KF26.A7 1982a 82-602376 353.0072/234 ¢2 19 OCLC 08660487

**83-12431**

**Y 4.Ar 5/3:F 95**

United States. Congress. Senate. Committee on Armed Services. Subcommittee on Preparedness.

Mobilization fuel requirements : hearing before the Subcommittee on Preparedness of the Committee on Armed Services, United States Senate, Ninety-seventh Congress, first session, December 16, 1981. — Washington : U.S. G.P.O., 1982.

iii, 26 p. ; 24 cm. ●Item 1034-A, 1034-B (microfiche)

1. Armed Forces — Mobilization. 2. United States — Armed Forces — Fuel. I. Title. OCLC 09269563

**83-12432**

**Y 4.Ar 5/3:M 46/10**

United States. Congress. Senate. Committee on Armed Services.

Measures reported or enacted into law, Ninety-seventh Congress : index by bill number. — [Washington, D.C. : U.S. G.P.O., 1983?]

5 p. ; 24 cm. Caption title. ●Item 1034-A, 1034-B (microfiche)

1. Bills, Legislative — United States — Indexes. I. Title. II. Title: Index by bill number. OCLC 09311274

**83-12433**

**Y 4.Ar 5/3:P 44/5/982**

United States. Congress. Senate. Committee on Armed Services. Subcommittee on Preparedness.

Naval petroleum reserves : hearings before the Subcommittee on Preparedness of the Committee on Armed Services, United States Senate, Ninety-seventh Congress, first session, on S. 1744 ... H.R. 3023 ... November 12, 1981. — Washington : U.S. G.P.O., 1982.

iii, 117 p. : ill. ; 24 cm. ●Item 1034-A, 1034-B (microfiche)

1. Petroleum — United States — Reserves. 2. United States. Dept. of Energy — Appropriations and expenditures. 3. Oil-shales — United States. 4. United States. Navy — Fuel. I. Title. OCLC 09290104

**83-12434**

**Y 4.Ar 5/3:St 8/5**

United States. Congress. Senate. Committee on Armed Services. Subcommittee on Preparedness.

Strategic stockpiles : hearings before the Subcommittee on Preparedness of the Committee on Armed Services, United States Senate, Ninety-seventh Congress, second session, on S. 1982 ... S. 2429 ... June 9, 10, 1982. — Washington : U.S. G.P.O., 1982.

iii, 117 p. : ill. ; 24 cm. ●Item 1034-A, 1034-B (microfiche)

1. Strategic materials — Law and legislation — United States. 2. Copper — Law and legislation — United States. 3. United States — Military policy. I. Title. OCLC 09270259

**83-12435**

**Y 4.Ar 5/3:St 8/6**

United States. Congress. Senate. Committee on Armed Services.

Modernization of the U.S. strategic deterrent : hearings before the Committee on Armed Services, United States Senate, Ninety-seventh Congress, first session, October 5, November 5, 1981. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

iii, 76 p. ; 24 cm. ●Item 1034-A, 1034-B (microfiche)

1. Strategic forces — United States. 2. United States — Armed Forces — Weapons systems. I. Title. II. Title: Modernization of the US strategic deterrent. OCLC 09226103

## BANKING, FINANCE AND URBAN AFFAIRS, Committee on, House Washington, DC 20515

**83-12436**

**Y 4.B 22/1:M 91/3**

United States. Congress. House. Committee on Banking, Finance, and Urban Affairs. Subcommittee on International Development Institutions and Finance.

The future of the multilateral development banks : report of the Subcommittee on International Development Institutions and Finance of the Committee on Banking, Finance, and Urban Affairs, House of Representatives, 97th Congress, second session. — Washington : U.S. G.P.O., 1982.

ii, 28 p. ; 24 cm. At head of title: Committee print 97-16. "November 1982." ●Item 1013-A, 1013-B (microfiche)

1. Banks and banking, International. 2. Development banks. 3. International economic relations. I. Title. OCLC 09266148

**83-12437**

**Y 4.B 22/1:97-71**

United States. Congress. House. Committee on Banking, Finance, and Urban Affairs. Subcommittee on Economic Stabilization.

Enterprise zones : hearings before the Subcommittee on Economic Stabilization of the Committee on Banking, Finance and Urban Affairs, House of Representatives, Ninety-

seventh Congress, second session, July 13 and 14, 1982. — Washington : U.S. G.P.O., 1982.

iv, 370 p. ; 24 cm. "Serial no. 97-71." ●Item 1013-A, 1013-B (microfiche)

1. Urban policy. 2. Community development, Urban — United States. 3. Economic assistance — United States. OCLC 09136434

**83-12438**

**Y 4.B 22/1:97-77**

United States. Congress. House. Committee on Banking, Finance, and Urban Affairs. Subcommittee on Housing and Community Development.

Urban homesteading and HUD-owned abandoned homes : hearing before the Subcommittee on Housing and Community Development of the Committee on Banking, Finance and Urban Affairs, House of Representatives, Ninety-seventh Congress, second session, June 24, 1982. — Washington : U.S. G.P.O., 1982.

iii, 85 p. : ill. ; 24 cm. "Serial no. 97-77". ●Item 1013-A, 1013-B (microfiche)

1. United States. Dept. of Housing and Urban Development. 2. Housing — United States. 82-603631 OCLC 09178612

**83-12439**

**Y 4.B 22/1:97-92/pt.1**

United States. Congress. House. Committee on Banking, Finance, and Urban Affairs.

Penn Square Bank failure : hearings before the Committee on Banking, Finance, and Urban Affairs, House of Representatives, Ninety-seventh Congress, second session .... — Washington : U.S. G.P.O., 1982-

v. : ill. ; 24 cm. "July 15; and August 16, 1982"—Pt. 1. "Serial no. 97-92." ●Item 1013-A, 1013-B (microfiche)

1. Penn Square Bank. 2. Bank failures — Oklahoma. I. Title. OCLC 09276619

**83-12440**

**Y 4.B 22/1:97-94**

United States. Congress. House. Committee on Banking, Finance, and Urban Affairs. Subcommittee on Domestic Monetary Policy.

The costs of unemployment for local communities—Welch, W. Va. : hearing before the Subcommittee on Domestic Monetary Policy of the Committee on Banking, Finance, and Urban Affairs, House of Representatives, Ninety-seventh Congress, second session, October 12, 1982. — Washington : U.S. G.P.O., 1982.

iii, 102 p. ; 24 cm. "Serial no. 97-94." ●Item 1013-A, 1013-B (microfiche)

1. Unemployment — West Virginia — Welch — Effect of inflation on. 2. Unemployed — West Virginia — Welch. I. Title. OCLC 09242378

**83-12441**

**Y 4.B 22/1:97-97**

United States. Congress. House. Committee on Banking, Finance, and Urban Affairs. Subcommittee on General Oversight and Renegotiation.

Puerto Rico and the section 936 tax incentives : hearing before the Subcommittee on General Oversight and Renegotiation of the Committee on Banking, Finance, and Urban Affairs, House of Representatives, Ninety-seventh Congress, second session, December 15, 1982. — Washington : U.S. G.P.O., 1983.

iii, 365 p. : ill., maps ; 24 cm. Includes bibliographical references. "Serial no. 97-97." ●Item 1013-A, 1013-B (microfiche)

1. Puerto Rico — Economic conditions. 2. Capital investments — Puerto Rico. 3. Taxation — Puerto Rico. I. Title. OCLC 09321037

**83-12442**

**Y 4.B 22/1:97-98**

United States. Congress. House. Committee on Banking, Finance, and Urban Affairs. Subcommittee on Consumer Affairs and Coinage.

Oversight on 1984 Olympic commemorative coin designs : hearing before the Subcommittee on Consumer Affairs and Coinage of the Committee on Banking, Finance, and Urban Affairs, House of Representatives, Ninety-seventh Congress, second session, December 1, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

iii, 53 p. ; 24 cm. "Serial no. 97-98." ●Item 1013-A, 1013-B (microfiche)

1. Commemorative coins — United States. 2. Olympic games (in numismatics) I. Title. OCLC 09319769

**83-12443**

**Y 4.B 22/1:97-100**

United States. Congress. House. Committee on Banking, Finance, and Urban Affairs. Subcommittee on Housing and Community Development.

Homelessness in America : hearing before the Subcommittee on Housing and Community Development of the Committee on Banking, Finance, and Urban Affairs, House of Representatives, Ninety-seventh Congress, second session, December 15, 1982. — Washington : U.S. G.P.O., 1983.

vi, 957 p. : ill. ; 24 cm. Includes bibliographies. "Serial no. 97-100." ●Item 1013-A, 1013-B (microfiche)

1. Homelessness — United States. 2. Poor — United States. I. Title. OCLC 09307842

## BANKING, HOUSING, AND URBAN AFFAIRS, Committee on, Senate Washington, DC 20510

**83-12444**

**Y 4.B 22/3:97-75**

United States. Congress. Senate. Committee on Banking, Housing, and Urban Affairs.

Nomination of Rita M. Rodriguez : hearing before the Committee on Banking, Housing, and Urban Affairs, United States Senate, Ninety-seventh Congress, second session, on the nomination of Rita M. Rodriguez to be a director of the Export-Import Bank of the United States, September 29, 1982. — Washington : U.S. G.P.O., 1982.

ii, 21 p. ; 24 cm. "97-75." ●Item 1035-C, 1035-D (microfiche)

1. Rodriguez, Rita M., 1944- 2. Export-Import Bank of the United States — Officials and employees — Appointment, qualifications, tenure, etc. I. Title. OCLC 09267811

## BUDGET, Committee on the, Senate Washington, DC 20510

**83-12445**

**Y 4.B 85/2:C 74/983/v.2**

United States. Congress. Senate. Committee on the Budget.

First concurrent resolution on the budget—fiscal year 1983 : hearings before the Committee on the Budget, United States Senate, Ninety-seventh Congress, second session. — Washington : U.S. G.P.O., 1982-

v. : ill., maps ; 24 cm. "March 3, 1982, March 18, 1982 ... March 8, 1982 ... March 12, 1982 ... "—Vol. II. Includes bibliographical references. Contents: v. II. National security .... ●Item 1035-A-1, 1035-A-2 (microfiche)

1. Budget — United States. 2. United States — Economic policy — 1981- I. Title. KF26.B8 1982 82-602221 353.0072/2 ¢2 19 OCLC 08557457

**83-12446**

**Y 4.B 85/2:C 76/4/974**

United States. Congress. Senate. Committee on the Budget.

Proposed improvements in the Congressional Budget Act of 1974 : hearings before the Committee on the Budget, United States Senate, Ninety-seventh Congress, second session, September 14, 16, 21, and 23, 1982. — Washington : U.S. G.P.O., 1983.

iv, 835 p. ; 24 cm. Includes bibliographical references. ●Item 1035-A-1, 1035-A-2 (microfiche)

1. Budget — United States. 2. Legislative oversight — United States. I. Title. OCLC 09307666

## BUDGET, Committee on the, House Washington, DC 20515

**83-12447**

**Y 4.B 85/3:En 8/2**

United States. Congress. House. Committee on the Budget. Task Force on Entitlements, Uncontrollables, and Indexing.

Entitlement policymaking : assessing state and federal data programs : hearing before the Task Force on Entitlements, Uncontrollables, and Indexing of the Committee on the Budget, House of Representatives, Ninety-seventh Congress, second session, December 14, 1982. — Washington : U.S. G.P.O., 1983.

iv, 344 p. : ill. ; 24 cm. Bibliography: p. 200. "TTF2-C." ●Item 1035-B-1, 1035-B-2 (microfiche)

1. Budget — United States. 2. Expenditures, Public — United States. 3. Government spending policy — United States. 4. Welfare recipients — United States. I. Title. OCLC 09320165

**83-12448**

**Y 4.B 85/3:97-3 A**
**Y 4.B 85/3:97-3 E**

United States. Congress. House. Committee on the Budget.

Budget issues for fiscal year 1983 : hearings before the Committee on the Budget, House of Representatives, Ninety-seventh Congress, second session. — Washington : U.S. G.P.O., 1982-

v. : ill. ; 24 cm. "February 17, 24, and 25, 1982"—Vol. 1. "March 23, 24, 25, 30; May 5 and 6, 1982"—Vol. 5. "97-3A"—Vol. 1. "97-3E"—Vol. 5. Includes bibliographical references. ●Item 1035-B-1, 1035-B-2 (microfiche)

1. Budget — United States. I. Title. OCLC 08656370

**83-12449**

**Y 4.B 85/3:97-6**

United States. Congress. House. Committee on the Budget.

Unemployment : its causes and effects : hearing before the Committee on the Budget, House of Representatives, Ninety-seventh Congress, second session, October 20, 1982, Janesville, Wis. — Washington : U.S. G.P.O., 1982.

iii, 49 p. ; 24 cm. "97-6." ●Item 1035-B-1, 1035-B-2 (microfiche)

1. Unemployment — United States. 2. Underemployment — United States. I. Title. OCLC 09298172

## COMMERCE, SCIENCE, AND TRANSPORTATION, Committee on, Senate Washington, DC 20510

**83-12450**

**Y 4.C 73/7:S.prt.98-4/corr.**

United States. Congress. Senate. Committee on Commerce, Science, and Transportation.

The goals of the Committee on Commerce, Science, and Transportation for the ... session of the ... Congress. Washington : U.S. G.P.O.,

v. ; 24 cm. (S. print / 98th Congress, 1st session ; 98-4) Began with 95th Congress, 1st session, 1977. At head of title: Committee print. Issues prior to the 98th Congress were classed: Y 4.C 73/7:G 53/ Star print. 98th Congress, 1st session, issued Feb. 1, 1983. ●Item 1041-A, 1041-B (microfiche) Main series: United States. Congress. Senate. S. print Continues: United States. Congress. Senate. Committee on Commerce. Goals of the Committee on Commerce

1. United States. Congress. Senate. Committee on Commerce, Science, and Transportation — Periodicals. 2. Science — United States — Periodicals. 3. Transportation — United States — Periodicals. 4. United States — Commerce — Periodicals. I. Title. II. Series: United States. Congress (98th, 1st session : 1983). Senate. S. print ; 98-4. OCLC 06030161

**83-12451**

**Y 4.C 73/7:Sp 1/2/pt.1**

Soviet space programs, 1976-80 : supporting vehicles and launch vehicles, political goals and purposes, international cooperation in space, administration, resource burden, future outlook / prepared at the request of Committee on Commerce, Science, and Transportation, United States Senate. — Washington : U.S. G.P.O., : For sale by the Supt. of Docs. 1982-

v. : ill. ; 24 cm. At head of title: 97th Congress, 2d session. Committee print. "December 1982." Includes bibliographical references. ●Item 1041-A, 1041-B (microfiche) S/N 052-070-05800-5 @ GPO $7.50

1. Space sciences — Soviet Union. 2. Outer space — Explorations — Soviet Union. 3. Astronautics — Soviet Union. I. Title: Supporting vehicles and launch vehicles, political goals and purposes, international cooperation in space, administration, resource burden, future outlook. OCLC 09275209

**83-12452**

**Y 4.C 73/7:97-133**

United States. Congress. Senate. Committee on Commerce, Science, and Transportation. Subcommittee on Surface Transportation.

Coal slurry pipelines : hearings before the Subcommittee on Surface Transportation of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-seventh Congress, second session, on impact of federal power of eminent domain legislation for coal slurry pipelines, September 13 and 16, 1982. — Washington : U.S. G.P.O., 1982.

iv, 169 p. ; 24 cm. Includes bibliographical references. "Serial no. 97-133." ●Item 1041-A, 1041-B (microfiche)

1. Coal — United States — Pipe lines. 2. Coal — United States — Transportation. I. Title. OCLC 09200662

**83-12453**

**Y 4.C 73/7:97-134**

United States. Congress. Senate. Committee on Commerce, Science, and Transportation. Subcommittee for Consumers.

FTC's authority over deceptive advertising : hearing before the Subcommittee for Consumers of the Committee on Commerce, Science, and Transportation, United States Senate,

Ninety-seventh Congress, second session, on FTC's authority over deceptive advertising, July 22, 1982. — Washington : U.S. G.P.O., 1982.

iv, 188 p. ; 24 cm. Includes bibliographical references. "Serial no. 97-134." ●Item 1041-A, 1041-B (microfiche)

1. Advertising, Fraudulent — United States. 2. Business ethics. 3. United States. Federal Trade Commission. I. Title. II. Title: F.T.C.'s authority over deceptive advertising. OCLC 09288944

**83-12454**

**Y 4.C 73/7:97-135**

United States. Congress. Senate. Committee on Commerce, Science, and Transportation.

Communications problems in Alaska : hearing before the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-seventh Congress, second session, on communications problems in Alaska, August 30, 1982. — Washington : U.S. G.P.O., 1982.

iii, 87 p. ; 24 cm. Includes bibliographical references. "Serial no. 97-135." ●Item 1041-A, 1041-B (microfiche)

1. Telecommunication — Alaska. I. Title. OCLC 09285685

**83-12455**

**Y 4.C 73/7:97-136**

United States. Congress. Senate. National Ocean Policy Study.

Outer continental shelf revenue sharing proposals : hearings before the National Ocean Policy Study of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-seventh Congress, second session, on S. 2792 ... S. 2794 ... August 12 and September 1, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

iv, 176 p. : 1 map ; 24 cm. Includes bibliographical references. "Serial no. 97-136." ●Item 1041-A, 1041-B (microfiche)

1. Continental shelf — United States. 2. Coastal zone management — Law and legislation — United States. 3. Grants-in-aid — United States. I. United States. Congress. Senate. Committee on Commerce, Science, and Transportation. II. Title. OCLC 09318610

## DISTRICT OF COLUMBIA, Committee on the, House Washington, DC 20515

**83-12456**

**Y 4.D 63/1:97-14**

United States. Congress. House. Committee on the District of Columbia. Subcommittee on Fiscal Affairs and Health.

Infant mortality : oversight hearing before the Subcommittee on Fiscal Affairs and Health of the Committee on the District of Columbia, House of Representatives, Ninety-seventh Congress, second session, on infant mortality rate increases in the U.S. capital and other American cities, March 26, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

iv, 425 p. : ill. ; 24 cm. Includes index. Bibliography: p. 329-364. "Serial no. 97-14." ●Item 1014-A, 1014-B (microfiche)

1. Infants — Mortality. 2. Infants (Newborn) — United States — Mortality. 3. Children — United States — Mortality. I. Title. OCLC 09242417

## JOINT ECONOMIC COMMITTEE Washington, DC 20510

**83-12457**

**Y 4.Ec 7:C 17/3**

United States. Congress. Joint Economic Committee. Subcommittee on International Trade, Finance, and Security Economics.

Role of the venture capital industry in the American economy : hearing before the Subcommittee on International Trade, Finance, and Security Economics of the Joint Economic Committee, Congress of the United States, Ninety-seventh Congress, second session, September 30, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

iii, 128 p. : ill. ; 24 cm. Includes bibliographical references. ●Item 1000-B, 1000-C (microfiche)

1. Venture capital — United States. 2. Small business investment companies — United States. 3. Economic development. I. Title. OCLC 09318455

**83-12458**

**Y 4.Ec 7:Em 7/12/pt.20**

United States. Congress. Joint Economic Committee.

Employment-unemployment : hearings before the Joint Economic Committee, Congress of the United States, Ninety-seventh Congress, first session. — Washington : U.S. G.P.O., 1982-

v. : ill. ; 24 cm. "Second session"—Pt. 20. "February 5, March 5, April 2, and May 7, 1982"—Pt. 20. Includes bibliographical references. ●Item 1000-B, 1000-C (microfiche)

1. Labor supply — United States. 2. Unemployment — United States. I. Title. OCLC 08895693

**83-12459**

**Y 4.Ec 7:M 28**

United States. Congress. Joint Economic Committee. Subcommittee on Economic Goals and Intergovernmental Policy.

The future of mail delivery in the United States : hearings before the Subcommittee on Economic Goals and Intergovernmental Policy of the Joint Economic Committee, Congress of the United States, Ninety-seventh Congress, second session, June 18 and 21, 1982. — Washington : U.S. G.P.O., 1982.

iii, 396 p. : ill. ; 24 cm. Includes bibliographical references. ●Item 1000-B, 1000-C (microfiche)

1. Postal service — United States — Automation. 2. Postal service — Law and legislation — United States. 3. Electronic mail systems — United States. I. Title. OCLC 09270585

**83-12460**

**Y 4.Ec 7:M 74/29**

United States. Congress. Joint Economic Committee.

The future of monetary policy : hearings before the Joint Economic Committee, Congress of the United States, Ninety-seventh Congress, second session, June 2, 8, 10, and 15, 1982. — Washington : U.S. G.P.O., 1982.

iv, 538 p. : ill. ; 24 cm. Includes bibliographies. ●Item 1000-B, 1000-C (microfiche)

1. Monetary policy — United States. 2. United States — Economic policy. I. Title. OCLC 09250515

**83-12461**

**Y 4.Ec 7:R 22/5**

United States. Congress. Joint Economic Committee.

Reaganomics effect on labor : hearing before the Joint Economic Committee, Congress of the United States, Ninety-seventh Congress, second session, July 20, 1982. — Washington : U.S. G.P.O., 1982.

iii, 90 p. : ill. ; 24 cm. ●Item 1000-B, 1000-C (microfiche)

1. United States — Economic policy — 1981- 2. United States — Economic conditions — 1981- 3. Labor and laboring classes — United States. I. Title. OCLC 09251288

**83-12462**

**Y 4.Ec 7:V 61**

United States. Congress. Joint Economic Committee.

Versailles summit and the world economy : high interest rates and protectionism : hearings before the Joint Economic Committee, Congress of the United States, Ninety-seventh Congress, second session, May 25, 26, and 27, 1982. — Washington : U.S. G.P.O., 1982.

iii, 297 p. : ill. ; 24 cm. Bibliography: p. 208. ●Item 1000-B, 1000-C (microfiche)

1. Economic policy. 2. International economic relations. I. Title. OCLC 09267544

## EDUCATION AND LABOR, Committee on, House
## Washington, DC 20515

**83-12463**

**Y 4.Ed 8/1:Al 4/3/pt.2**

United States. Congress. House. Committee on Education and Labor. Subcommittee on Elementary, Secondary, and Vocational Education.

The Alien Education Impact Aid Act of 1981 : hearing before the Subcommittee on Elementary, Secondary, and Vocational Education of the Committee on Education and Labor, House of Representatives, Ninety-seventh Congress, first session, on H.R. 2954 ... hearing held in Washington, D.C. .... — Washington : U.S. G.P.O., 1982-

v. : maps ; 24 cm. "August 10, 1982"—Pt. 2. "Second session"—Pt. 2. ●Item 1015-A, 1015-B (microfiche)

1. Children of alien laborers — Education — United States. 2. Educational law and legislation — United States. 3. Federal aid to education — United States. I. Title. KF27.E3364 1981m 82-601860 344.73/0769 [347.304769 ¢2 19] OCLC 08421106

**83-12464**

**Y 4.Ed 8/1:Ed 8/58**

United States. Congress. House. Committee on Education and Labor. Subcommittee on Elementary, Secondary, and Vocational Education.

Encouraging further improvement in the quality of education : hearing before the Subcommittee on Elementary, Secondary, and Vocational Education of the Committee on Education and Labor, House of Representatives, Ninety-seventh Congress, second session, on H. Con. Res. 404 ... hearing held in Washington, D.C., on September 15, 1982. — Washington : U.S. G.P.O., 1982.

iii, 67 p. ; 24 cm. ●Item 1015-A, 1015-B (microfiche)

1. Education — United States. 2. Education — United States — Aims and objectives. 3. Educational planning — United States. I. Title. OCLC 09276723

**83-12465**

**Y 4.Ed 8/1:G 76/6**

United States. Congress. House. Committee on Education and Labor. Subcommittee on Elementary, Secondary, and Vocational Education.

Grants for teaching the principles of citizenship : hearing before the Subcommittee on Elementary, Secondary, and Vocational Education and the Committee on Education and Labor, House of Representatives, Ninety-seventh Congress, second session, on H. R. 5658 ... hearing held in Washington, D.C., on July 21, 1982. — Washington : U.S. G.P.O., 1982.

iii, 186 p. : ill., forms ; 24 cm. ●Item 1015-A, 1015-B (microfiche)

1. Grants-in-aid — United States. 2. Federal aid to education — United States. 3. Education, Elementary — Study and teaching — United States. 4. Citizenship — United States. 5. Education — United States — Curricula. I. United States. Congress. House. Committee on Education and Labor. II. Title. OCLC 09284918

**83-12466**

**Y 4.Ed 8/1:H 19/14**

United States. Congress. House. Committee on Education and Labor. Subcommittee on Select Education.

Handicapped Individuals Services and Training Act : hearing before the Subcommittee on Select Education of the Committee on Education and Labor, House of Representatives, Ninety-seventh Congress, second session, on H.R. 6820 ... hearing held in St. Paul, Minn., and Loretto, Minn. on September 2, 1982. — Washington : U.S. G.P.O., 1982.

v, 257 p. : ill. ; 24 cm. Bibliography: p. 143. ●Item 1015-A, 1015-B (microfiche)

1. Helen Keller National Center for Deaf-Blind Youths and Adults. 2. Handicapped services — United States. 3. Blind-deaf — Services for — United States. I. Title. OCLC 09262284

**83-12467**

**Y 4.Ed 8/1:Oc 1/5**

United States. Congress. House. Committee on Education and Labor. Subcommittee on Labor Standards.

Occupational Health Hazards Compensation Act of 1982 : hearings before the Subcommittee on Labor Standards of the Committee on Education and Labor, House of Representatives, Ninety-seventh Congress, second session, on H.R. 5735 ... hearings held in Washington, D.C., on March 4; April 21, 22, 1982. — Washington : U.S. G.P.O., 1983.

v, 624 p. : ill. ; 24 cm. Includes bibliographical references. ●Item 1015-A, 1015-B (microfiche)

1. Workmen's compensation — United States. 2. Occupational diseases — United States. 3. Asbestos — Law and legislation — United States. I. Title. OCLC 09320927

**83-12468**

**Y 4.Ed 8/1:R 31/4**

United States. Congress. House. Committee on Education and Labor. Subcommittee on Employment Opportunities.

Hearing to eliminate mandatory retirement : hearing before the Subcommittee on Employment Opportunities of the Committee on Education and Labor, House of Representatives, Ninety-seventh Congress, second session, on H.R. 6576 ... hearing held in Washington, D.C., on September 9, 1982. — Washington : U.S. G.P.O., 1982.

iii, 67 p. ; 24 cm. Includes bibliographical references. ●Item 1015-A, 1015-B (microfiche)

1. Retirement, Mandatory — Law and legislation — United States. 2. Discrimination in employment — Law and legislation — United States. 3. Age and employment — United States. I. Title. OCLC 09263490

## ENERGY AND NATURAL RESOURCES, Committee on, Senate
## Washington, DC 20510

**83-12469**

**Y 4.En 2:97-49/pt.2**

United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Energy Regulation.

Hydroelectric development and licensing procedures : joint hearing before the Subcommittee on Energy Regulation and the Subcommittee on Water and Power of the Committee on Energy and Natural Resources, United States Senate, Ninety-

seventh Congress, first session, to explore ways in which the federal licensing process can be accelerated in a manner consistent with the public interest, — Washington : U.S. G.P.O., 1982-

v. : ill., maps ; 24 cm. "Second session"—Pt. 2. "February 24, 1982"—Pt. 2. Includes bibliographical references. "Publication no. 97-49." ●Item 1040-A, 1040-B (microfiche)

1. Hydroelectric power plants — Licenses — United States. 2. Water resources development — United States. I. United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Water and Power. II. Title. KF26.E5535 1981c 82-601384 353.0087/22 ¢2 19 OCLC 08444086

**83-12470**

**Y 4.En 2:97-73**

Energy initiatives of the ... Congress / printed at the request of the Committee on Energy and Natural Resources, United States Senate. Washington : U.S. G.P.O.,

v. ; 24 cm.

Biennial

Began with the 95th Congress, 1977-78. At head of title: 97th Congress, 2d session. Committee print. "Publication no. 97-73." 96th Congress. Description based on: 96th Congress. ●Item 1040-A, 1040-B (microfiche)

1. Power resources — Law and legislation — United States — Periodicals. 2. Energy conservation — Law and legislation — United States — Periodicals. 3. Energy policy — United States — Periodicals. I. United States. Congress. Senate. Committee on Energy and Natural Resources. OCLC 05111737

**83-12471**

**Y 4.En 2:97-94**

United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Public Lands and Reserved Water.

The Indiana Dunes National Lakeshore and Charles C. Deam Wilderness : hearing before the Subcommittee on Public Lands and Reserved Water of the Committee on Energy and Natural Resources, United States Senate, Ninety-seventh Congress, second session, on S. 2186 ... S. 2710 ... August 12, 1982. — Washington : U.S. G.P.O., 1982.

iii, 61 p. ; 23 cm. "Publication no. 97-94." ●Item 1040-A, 1040-B (microfiche)

1. Charles C. Deam Wilderness (Ind.) 2. Sand-dunes — Indiana. 3. Wilderness areas — Indiana. 4. Indiana Dunes National Lakeshore (Ind.) I. Title. 82-603632 OCLC 09290156

**83-12472**

**Y 4.En 2:97-104/pt.1**

United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Energy and Mineral Resources.

America's role in the world coal export market : (European outlook) : hearing before the Subcommittee on Energy and Mineral Resources of the Committee on Energy and Natural Resources, United States Senate, Ninety-seventh Congress, first session, on the demand of European coal consuming nations, November 10, 1981. — Washington : U.S. G.P.O., 1982-

v. : ill. ; 24 cm. Includes bibliographical references. "Publication no. 97-104." ●Item 1040-A, 1040-B (microfiche)

1. Coal — United States. 2. Energy industries — United States. 3. Foreign trade promotion — United States. 4. Export sales — Europe. I. Title. OCLC 09290167

**83-12473**

**Y 4.En 2:97-106**

United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Energy Research and Development.

Department of Energy's uranium enrichment program : hearing before the Subcommittee on Energy Research and Development of the Committee on Energy and Natural Resources, United States Senate, Ninety-seventh Congress, second session, on the Department of Energy's uranium enrichment program, June 24, 1982. — Washington : U.S. G.P.O., 1982.

iii, 220 p. : ill., 1 map ; 24 cm. "Publication no. 97-106." ●Item 1040-A, 1040-B (microfiche)

1. Uranium. 2. Uranium industry — United States. 3. United States. Dept. of Energy. I. Title. OCLC 09270285

**83-12474**

**Y 4.En 2:97-107**

United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Energy Conservation and Supply.

Final 5-year plan for oil and gas development in the outer continental shelf : hearing before the Subcommittee on Energy Conservation and Supply of the Committee on Energy and Natural Resources, United States Senate, Ninety-seventh Congress, second session, to review the Secretary of the Interior's proposed 5-year plan for oil and gas development in the outer shelf pursuant to the Outer Continental Shelf Lands Act amendments of 1978, Public Law 95-372 (43 U.S.C. 1801), September 8, 1982. — Washington : U.S. G.P.O., 1982.

iii, 190 p. ; 24 cm. "Publication no. 97-107." ●Item 1040-A, 1040-B (microfiche)

1. Oil and gas leases — United States. 2. Continental shelf — Economic aspects — United States. 3. United States — Economic policy — 1981- I. Title. II. Title: Final five-year plan for oil and gas development in the outer continental shelf. OCLC 09262325

**83-12475**

**Y 4.En 2:97-108**

United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Public Lands and Reserved Water.

Additions to the national wilderness preservation system, Missouri and New Mexico : hearing before the Subcommittee on Public Lands and Reserved Water of the Committee on Energy and Natural Resources, United States Senate, Ninety-seventh Congress, second session, on S. 1964 ... S. 1965 ... S. 2021 ... S. 2405 ... May 27, 1982. — Washington : U.S. G.P.O., 1983.

iii, 171 p. : ill., maps ; 24 cm. Bibliography: p. 131. "Publication no. 97-108." ●Item 1040-A, 1040-B (microfiche)

1. Mark Twain National Forest (Mo.) 2. Wilderness areas — Law and legislation — United States. 3. Public lands — New Mexico. 4. Land titles — Registration and transfer — United States. I. Title. OCLC 09275035

**83-12476**

**Y 4.En 2:97-109**

United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Public Lands and Reserved Water.

Conveyance of certain national forest system lands and additions to the national wilderness preservation system, Georgia : hearing before the Subcommittee on Public Lands and Reserved Water of the Committee on Energy and Natural Resources, United States Senate, Ninety-seventh Congress,

second session, on S. 705 ... S. 2569 ... June 24, 1982. — Washington : U.S. G.P.O., 1983.

iii, 58 p. ; 24 cm. "Publication no. 97-109." ●Item 1040-A, 1040-B (microfiche)

1. Land titles — Registration and transfer — United States. 2. Land use — Law and legislation — United States. 3. Forest reserves — United States. 4. Cumberland Island National Seashore (Ga.) 5. Wilderness areas — Law and legislation — United States. I. Title. OCLC 09314965

**83-12477**

**Y 4.En 2:97-110**

United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Water and Power.

Transmission line siting in the state of Montana : hearing before the Subcommittee on Water and Power of the Committee on Energy and Natural Resources, United States Senate, Ninety-seventh Congress, second session, on the procedure of the Bonneville Power Administration for the siting of electric power transmission lines, Missoula, Mont., August 26, 1982. — Washington : U.S. G.P.O., 1983.

iii, 202 p. : ill., maps ; 24 cm. "Publication no. 97-110." ●Item 1040-A, 1040-B (microfiche)

1. Electric lines — Montana. 2. Electric power transmission — Montana. 3. United States. Bonneville Power Administration. I. Title. OCLC 09274895

**83-12478**

**Y 4.En 2:97-111**

United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Public Lands and Reserved Water.

Wolf Trap Farm Park and Mary McLeod Bethune Council House : hearing before the Subcommittee on Public Lands and Reserved Water of the Committee on Energy and Natural Resources, United States Senate, Ninety-seventh Congress, second session, on S. 1999 ... S. 2436 ... July 2, 1982. — Washington : U.S. G.P.O., 1983.

iii, 79 p. ; 24 cm. Includes bibliographical references. "Publication no. 97-111." ●Item 1040-A, 1040-B (microfiche)

1. Wolf Trap Farm Park for the Performing Arts (U.S.) 2. Mary McLeod Bethune Council House (Washington, D.C.) 3. Historic sites — Washington (D.C.) I. Title. OCLC 09298224

**83-12479**

**Y 4.En 2:97-114**

United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Public Lands and Reserved Water.

Wyoming Wilderness Act of 1982 : hearings before the Subcommittee on Public Lands and Reserved Water of the Committee on Energy and Natural Resources, United States Senate, Ninety-seventh Congress, second session, on S. 2118 ... Casper, Wyo., April 30, 1982; Washington, D.C., August 18, 1982. — Washington : U.S. G.P.O., 1983.

v, 532 p. : ill., maps ; 24 cm. Includes bibliographical references. "Publication no. 97-114." ●Item 1040-A, 1040-B (microfiche)

1. Wilderness areas — Law and legislation — United States. 2. Forest reserves — Wyoming. I. Title. OCLC 09318662

## ENERGY AND COMMERCE, Committee on, House Washington, DC 20515

**83-12480**

**Y 4.En 2/3:97-II**

U.S. Synthetic Fuels Corporation and national synfuels policy : proceedings of a seminar / sponsored by the Congressional Research Service in cooperation with the Subcommittee on Fossil and Synthetic Fuels of the Committee on Energy and Commerce, U.S. House of Representatives. — Washington : U.S. G.P.O., 1982.

v, 67 p. ; 24 cm. At head of title: 97th Congress, 2d session. Committee print. Committee print 97-II. "July 1982." ●Item 1019-A, 1019-B (microfiche)

1. Energy policy — United States — Congresses. 2. Synthetic fuels — United States — Congresses. 3. Synthetic Fuels Corporation (U.S.) I. Synthetic Fuels Corporation (U.S.) II. Library of Congress. Congressional Research Service. III. United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Fossil and Synthetic Fuels. 82-600500 OCLC 08968702

**83-12481**

**Y 4.En 2/3:97-JJ**

United States. Temporary Commission on Alternative Financing for Public Telecommunications.

Alternative financing options for public broadcasting : report to the Congress of the United States / by the Temporary Commission on Alternative Financing for Public Telecommunications ; printed for the use of the Subcommittee on Telecommunications, Consumer Protection, and Finance of the Committee on Energy and Commerce, U.S. House of Representatives. — Washington : U.S. G.P.O., 1982.

ix, 88 p. : ill. ; 24 cm. At head of title: 97th Congress, 2d session. Committee print. Committee print 97-JJ. "July 1982." ●Item 1019-A, 1019-B (microfiche)

1. Public broadcasting — United States — Finance. 2. Federal aid to the arts — United States. I. United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Telecommunications, Consumer Protection, and Finance. II. Title. OCLC 09314564

**83-12482**

**Y 4.En 2/3:97-MM**

Congressional foresight, history, recent experiences, and implementation strategies : a report / prepared by the Congressional Research Service for the use of the Committee on Energy and Commerce of the U.S. House of Representatives. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

vii, 139 p. : ill. ; 24 cm. At head of title: 97th Congress, 2d session. Committee print. Committee print 97-MM. "December 1982." Includes bibliographical references. ●Item 1019-A, 1019-B (microfiche)

1. United States. Congress. 2. Legislative oversight — United States. 3. Legislative histories — United States. I. Library of Congress. Congressional Research Service. II. United States. Congress. House. Committee on Energy and Commerce. OCLC 09276920

**83-12483**

**Y 4.En 2/3:97-NN**

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Oversight and Investigations.

Hazardous waste enforcement : report of the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, U.S. House of Representatives. — Washington : U.S. G.P.O., 1982.

v, 43 p. ; 24 cm. At head of title: 97th Congress, 2d session. Committee print. Committee print 97-NN. "December 1982." Includes bibliographical references. ●Item 1019-A, 1019-B (microfiche)

1. Hazardous wastes — United States. 2. Hazardous wastes — Law and legislation — United States. I. Title. OCLC 09185359

**83-12484**

**Y 4.En 2/3:97-152**

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Energy Conservation and Power.

FERC as a least-cost electric regulator : hearing before the Subcommittee on Energy Conservation and Power of the Committee on Energy and Commerce, House of Representatives, Ninety-seventh Congress, second session, April 23, 1982. — Washington : U.S. G.P.O., 1982.

iii, 428 p. : ill. ; 24 cm. Includes bibliographical references. "Serial no. 97-152." ●Item 1019-A, 1019-B (microfiche)

1. United States. Federal Energy Regulatory Commission. 2. Electric utilities — United States — Rates. 3. Electric power — Government policy — United States. I. Title. II. Title: F.E.R.C. as a least-cost electric regulator. 82-603493 OCLC 09243936

**83-12485**

**Y 4.En 2/3:97-157**

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Health and the Environment.

Clean Air Act : hearings before the Subcommittee on Health and the Environment of the Committee on Energy and Commerce, House of Representatives, Ninety-seventh Congress, first session .... — Washington : U.S. G.P.O., 1982-

v. : ill., maps ; 24 cm. "Second session"—Pt. 3. "February 10, 17, 18, 22, 23, 1982"—Pt. 3. Includes bibliographical references. Contents: pt. 3. H.R. 5252 .... "Serial no. 97-157"—Pt. 3. ●Item 1019-A, 1019-B (microfiche)

1. Air — Pollution — Law and legislation — United States. 2. Air quality — United States. I. Title. OCLC 08547707

**83-12486**

**Y 4.En 2/3:97-159**
Y 4.En 2/3:97-160

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Telecommunications, Consumer Protection, and Finance.

SEC/CFTC jurisdictional issues and oversight : hearings before the Subcommittee on Telecommunications, Consumer Protection, and Finance and the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, House of Representatives, Ninety-seventh Congress, second session, on H.R. 5447 ... H.R. 5515 ... H.R. 6156 .... — Washington : U.S. G.P.O., 1982.

2 v. ; 24 cm. "April 23 and June 7, 1982"—Pts. 1 and 2. Includes bibliographical references. "Serial no. 97-159"—Pt. 1. "Serial no. 97-160"—Pt. 2. ●Item 1019-A, 1019-B (microfiche)

1. Commodity exchanges — Law and legislation — United States. 2. United States. Securities and Exchange Commission. 3. United States. Commodity Futures Trading Commission. I. United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Oversight and Investigations. II. Title. III. Title: S.E.C./C.F.T.C. jurisdictional issues and oversight. OCLC 09257732

**83-12487**

**Y 4.En 2/3:97-162**
Y 4.En 2/3:97-174

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Oversight and Investigations.

Capital formation and industrial policy : hearings before the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, House of Representatives, Ninety-seventh Congress, first session. — Washington : U.S. G.P.O., 1981-

v. : ill. ; 24 cm. "Second session"—Pt. 3. "November 20, 1981"—Pt. 2. "March 22, 26, 29, April 23, 26, 1982"—Pt. 3. Includes bibliographical references. Contents: pt. 2. The impact of energy — pt. 3. Crises in the steel industry. "Serial no. 97-162"—Pt. 2. "Serial no. 97-174"—Pt. 3. ●Item 1019-A, 1019-B (microfiche)

1. Capital investments — United States. 2. Saving and investment — United States. 3. Industry and state — United States. I. Title. KF27.E5546 1981c 81-603216 332/.0415/0973 ¢2 19 OCLC 07885041

**83-12488**

**Y 4.En 2/3:97-175**

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Health and the Environment.

National Hansen's Disease Center : hearing before the Subcommittee on Health and the Environment of the Committee on Energy and Commerce, House of Representatives, Ninety-seventh Congress, second session, September 3, 1982. — Washington : U.S. G.P.O., 1982.

iii, 25 p. ; 24 cm. "Serial No. 97-175." ●Item 1019-A, 1019-B (microfiche)

1. National Hansen's Disease Center. I. Title. OCLC 09252760

**83-12489**

**Y 4.En 2/3:97-176**

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Health and the Environment.

Tamper-resistant packaging for over-the-counter drugs : hearing before the Subcommittee on Health and the Environment of the Committee on Energy and Commerce, House of Representatives, Ninety-seventh Congress, second session, October 15, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

iii, 70 p. ; 24 cm. Includes bibliographical references. "Serial no. 97-176." ●Item 1019-A, 1019-B (microfiche)

1. Drugs — United States — Packaging. 2. Drug adulteration — United States. 3. Consumer protection — United States. I. Title. OCLC 09318500

**83-12490**

**Y 4.En 2/3:97-177**

United States. Congress. House. Committee on Energy and Commerce.

Railroad labor-management labor dispute : hearing before the Committee on Energy and Commerce, House of Representatives, Ninety-seventh Congress, second session, on H.J. Res. 600 ... September 21, 1982. — Washington : U.S. G.P.O., 1982.

iii, 167 p. ; 24 cm. "Serial no. 97-177." ●Item 1019-A, 1019-B (microfiche)

1. Collective bargaining — Railroads — United States. I. Title. OCLC 09276794

83-12491

Y 4.En 2/3:97-178

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Health and the Environment.

Carbon monoxide standards : hearing before the Subcommittee on Health and the Environment of the Committee on Energy and Commerce, House of Representatives, Ninety-seventh Congress, second session, on Environmental Protection Agency proposed revisions to carbon monoxide national ambient air quality standards, August 27, 1982. — Washington : U.S. G.P.O., 1982.

iii, 132 p. : ill. ; 24 cm. Includes bibliographical references. ●Item 1019-A, 1019-B (microfiche)

1. Carbon monoxide — Environmental aspects — United States. 2. Air quality — United States. 3. Air quality indexes — United States. 4. Air — Pollution — United States. I. Title. OCLC 09270625

83-12492

Y 4.En 2/3:97-180

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Commerce, Transportation, and Tourism.

State solid waste plans and ground water contamination : joint hearing before the Subcommittee on Commerce, Transportation, and Tourism of the Committee on Energy and Commerce and the Subcommittee on Water Resources of the Committee on Public Works and Transportation, U.S. House of Representatives, Ninety-seventh Congress, second session, April 16, 1982. — Washington : U.S. G.P.O., 1982.

v, 217 p. : ill., maps ; 24 cm. Includes bibliographical references. "Serial no. 97-180 (energy and commerce)." "97-80 (public works and transportation)." ●Item 1019-A, 1019-B (microfiche)

1. Refuse and refuse disposal — New Jersey. 2. Pollution control industry — New Jersey. 3. Sanitary landfills — New Jersey. 4. Water — Pollution — New Jersey. I. United States. Congress. House. Committee on Public Works and Transportation. Subcommittee on Water Resources. II. Title. OCLC 09242356

83-12493

Y 4.En 2/3:97-181

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Fossil and Synthetic Fuels.

Methanol as an alternative transportation fuel : hearings before the Subcommittee on Fossil and Synthetic Fuels of the Committee on Energy and Commerce, House of Representatives, Ninety-seventh Congress, second session, August 13 and September 24, 1982. — Washington : U.S. G.P.O., 1983.

iii, 299 p. : ill. ; 24 cm. Includes bibliographical references. "Serial no. 97-181." ●Item 1019-A, 1019-B (microfiche)

1. Alcohol as fuel — United States. I. Title. OCLC 09302813

83-12494

Y 4.En 2/3:97-182

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Telecommunications, Consumer Protection, and Finance.

Motor Vehicle Title and Inspection Act of 1982 : hearing before the Subcommittee on Telecommunications, Consumer Protection, and Finance of the Committee on Energy and Commerce, House of Representatives, Ninety-seventh Congress, second session, on H.R. 6427 ... May 24, 1982. — Washington : U.S. G.P.O., 1983.

iii, 57 p. : ill. ; 24 cm. "Serial no. 97-182." ●Item 1019-A, 1019-B (microfiche)

1. Motor vehicles — Inspection — United States. 2. Automobile theft — United States. 3. Traffic safety — Law and legislation — United States. I. Title. OCLC 09320212

83-12495

Y 4.En 2/3:97-189

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Health and the Environment.

Humane care for animals in research : hearing before the Subcommittee on Health and the Environment of the Committee on Energy and Commerce, House of Representatives, Ninety-seventh Congress, second session, on H.R. 6928 ... December 9, 1982. — Washington : U.S. G.P.O., 1983.

iii, 192 p. ; 24 cm. Includes bibliographical references. "Serial no. 97-189." ●Item 1019-A, 1019-B (microfiche)

1. Laboratory animals — United States. 2. Animal experimentation — United States. 3. Animals, Treatment of — United States. I. Title. OCLC 09296758

83-12496

Y 4.En 2/3:97-190

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Oversight and Investigations.

Department of Health and Human Services oversight : hearing before the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, House of Representatives, Ninety-seventh Congress, second session, September 20, 1982. — Washington : U.S. G.P.O., 1983.

ii, 132 p. : ill. ; 24 cm. Includes bibliographical references. "Serial no. 97-190." ●Item 1019-A, 1019-B (microfiche)

1. United States. Dept. of Health and Human Services. I. Title. OCLC 09298321

83-12497

Y 4.En 2/3:97-191

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Oversight and Investigations.

DOE's entitlements program : hearings before the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, House of Representatives, Ninety-seventh Congress, second session, on efforts to terminate the entitlements program following crude oil decontrol, September 24, 1982. — Washington : U.S. G.P.O., 1983.

iii, 207 p. : ill. ; 24 cm. Includes bibliographical references. "Serial no. 97-191." ●Item 1019-A, 1019-B (microfiche)

1. Petroleum — Prices — United States. 2. United States. Dept. of Energy. I. Title. II. Title: D.O.E.'s entitlement program. OCLC 09285281

83-12498

Y 4.En 2/3:97-192

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Oversight and Investigations.

EPA withholding of Superfund files : hearings before the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, House of Representatives, Ninety-seventh Congress, second session, on contempt of Congress proceedings against Environmental Protection Agency administrator Anne M. Gorsuch, December 3 and 14, 1982. — Washington : U.S. G.P.O., 1983.

iii, 298 p. ; 24 cm. ●Item 1019-A, 1019-B (microfiche)

1. Gorsuch, Anne McGill, 1942- 2. Contempt of legislative bodies — United States. 3. Hazardous waste management industry — United States — Finance. I. Title. II. Title: E.P.A. withholding of Superfund files. OCLC 09292641

## FINANCE, Committee on, Senate Washington, DC 20510

**83-12499**

**Y 4.F 49:Au 8/3/pt.3**

United States. Congress. Senate. Committee on Finance. Subcommittee on International Trade.

Issues relating to the domestic auto industry : hearings before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-seventh Congress, first session .... — Washington : U.S. G.P.O., 1981-

v. : ill. ; 24 cm. "December 1, 1981"—Pt. 3. Includes bibliographical references. ●Item 1038-A, 1038-B (microfiche)

1. Competition, International. 2. Automobile industry and trade — United States. 3. Automobiles — United States — Design and construction. 4. Import quotas — Japan. I. Title. OCLC 07455521

**83-12500**

**Y 4.F 49:C 19**

United States. Congress. Senate. Committee on Finance.

Caribbean Basin initiative : hearing before the Committee on Finance, United States Senate, Ninety-seventh Congress, second session, on S. 2237, August 2, 1982. — Washington : U.S. G.P.O., 1982.

iv, 521 p. : ill. ; 24 cm. Includes bibliographical references. ●Item 1038-A, 1038-B (microfiche)

1. Caribbean area — Economic conditions. 2. Caribbean area — Economic policy. I. Title. OCLC 09277872

**83-12501**

**Y 4.F 49:M 66**

United States. Congress. Senate. Committee on Finance. Subcommittee on Energy and Agricultural Taxation.

Mining reclamation reserve bills : hearing before the Subcommittee on Energy and Agricultural Taxation of the Committee on Finance, Ninety-seventh Congress, second session, on S. 1911 and S. 2642, December 7, 1982. — Washington : U.S. G.P.O., 1983

iii, 131 p. ; 24 cm. Includes bibliographical references. ●Item 1038-A, 1038-B (microfiche)

1. Reclamation of land — United States. 2. Strip mining — Law and legislation — United States. 3. Mining law — United States. 4. Reclamation of land — Taxation — United States. I. Title. OCLC 09310977

**83-12502**

**Y 4.F 49:P 92/4**

United States. Congress. Senate. Committee on Finance. Subcommittee on International Trade.

Review of the President's decision to renew most-favored-nation status for Romania, Hungary, and China : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-seventh Congress, second session, August 10, 1982. — Washington : U.S. G.P.O., 1982.

iv, 315 p. : 1 map ; 24 cm. ●Item 1038-A, 1038-B (microfiche)

1. Favored nation clause. 2. United States — Commercial policy. 3. Religious liberty — Europe, Eastern. 4. Civil rights — Europe, Eastern. 5. China — Commercial policy. 6. Europe, Eastern — Economic conditions — 1945- I. Title. OCLC 09263346

**83-12503**

**Y 4.F 49:So 1/63**

United States. Congress. Senate. Committee on Finance.

Social security disability insurance program : hearing before the Committee on Finance, United States Senate, Ninety-seventh Congress, second session, August 18, 1982. — Washington : U.S. G.P.O., 1982.

iv, 535 p. : ill. ; 24 cm. Includes bibliographical references. ●Item 1038-A, 1038-B (microfiche)

1. Social security — United States. 2. Insurance, Disability — Law and legislation — United States. I. Title. OCLC 09221429

**83-12504**

**Y 4.F 49:Su 1/982**

United States. Congress. Senate. Committee on Finance.

Subchapter S Revision Act of 1982 : hearing before the Committee on Finance, United States Senate, Ninety-seventh Congress, second session, on S. 2350, September 10, 1982. — Washington : U.S. G.P.O., 1982.

iv, 357 p. ; 24 cm. Includes bibliographical references. ●Item 1038-A, 1038-B (microfiche)

1. Tax administration and procedure — United States. 2. Small business — United States. 3. Corporations — Taxation — United States. 4. Tax deductions — United States. I. Title. OCLC 09290479

**83-12505**

**Y 4.F 49:T 19/80/981-82/16**

United States. Congress. Senate. Committee on Finance. Subcommittee on Taxation and Debt Management.

1981-82 miscellaneous tax bills, XVI : hearing before the Subcommittee on Taxation and Debt Management of the Committee on Finance, United States Senate, Ninety-seventh Congress, second session, on S. 1298, S. 2197, and S. 2498, July 19, 1982. — Washington : U.S. G.P.O., 1982.

iv, 192 p. ; 24 cm. Includes bibliographical references. ●Item 1038-A, 1038-B (microfiche)

1. Taxation — Law and legislation — United States. 2. Income tax — United States — Deductions. I. Title. II. Title: 1981-82 miscellaneous tax bills, 16. OCLC 09276821

**83-12506**

**Y 4.F 49:T 19/91/982**

United States. Congress. Senate. Committee on Finance. Subcommittee on Estate and Gift Taxation.

Estate tax issues—1982 : hearing before the Subcommittee on Estate and Gift Taxation of the Committee on Finance, United States Senate, Ninety-seventh Congress, second session, on S. 1983 and S. 2479, May 27, 1982. — Washington : U.S. G.P.O., 1982.

iv, 222 p. ; 24 cm. Includes bibliographical references. ●Item 1038-A, 1038-B (microfiche)

1. Inheritance and transfer tax — Law and legislation — United States. 2. Gifts — Taxation — Law and legislation — United States. 3. Taxation — Law and legislation — United States. I. Title. OCLC 09296790

**83-12507**

**Y 4.F 49:T 81/4**

United States. Congress. Senate. Committee on Finance.

Tuition tax credit proposals : hearing before the Subcommittee on Finance, United States Senate, Ninety-seventh Congress, second session, on S. 2673, July 16, 1982. — Washington : U.S. G.P.O., 1982.

iv, 399 p. ; 24 cm. Includes bibliographical references. ●Item 1038-A, 1038-B (microfiche)

1. Tuition tax credits — United States. 2. Private schools — Costs. I. Title. OCLC 09290207

## FOREIGN AFFAIRS, Committee on, House
## Washington, DC 20515

**83-12508**

**Y 4.F 76/1:Ag 8/3**

United States. Congress. House. Committee on Foreign Affairs.

Review of agricultural trade issues : joint hearing before the Committee on Foreign Affairs and the Committee on Agriculture, House of Representatives, Ninety-seventh Congress, second session, August 11, 1982. — Washington : U.S. G.P.O., 1982.

iii, 52 p. ; 24 cm. "Serial no. 97-LLLL, Committee on Agriculture." ●Item 1017-A, 1017-B (microfiche)

1. United States — Commercial policy. 2. Farm produce — United States — Marketing. 3. Trade regulation — United States. I. United States. Congress. House. Committee on Agriculture. II. Title. OCLC 09113978

**83-12509**

**Y 4.F 76/1:At 8**

United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Asian and Pacific Affairs.

Review of Attorney General's trip to Asia in regard to the narcotic situation : hearing before the Subcommittee on Asian and Pacific Affairs of the Committee on Foreign Affairs, House of Representatives, Ninety-seventh Congress, second session, December 14, 1982. — Washington : U.S. G.P.O., 1983.

iii, 24 p. ; 24 cm. ●Item 1017-A, 1017-B (microfiche)

1. Narcotics, Control of — United States. 2. Narcotics, Control of — Asia. I. Title. OCLC 09295320

**83-12510**

**Y 4.F 76/1:C 76/11/982**

Grimmett, Richard F.

Executive-legislative consultation on U.S. arms sales. — Washington : U.S. G.P.O., 1982.

ix, 39 p. ; 24 cm. — (Congress and foreign policy series ; no. 7) "Committee on Foreign Affairs, Subcommittee on Europe and the Middle East"—P. II. "December 1982." Includes bibliographical references. ●Item 1017-A, 1017-B (microfiche)

1. Military assistance. 2. United States — Defenses. 3. United States — National security. I. United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Europe and the Middle East. II. Title. III. Series. OCLC 09244373

**83-12511**

**Y 4.F 76/1:Ed 8/3**

U.S. educational assistance in South Africa : critical policy issues : report of a staff study mission to South Africa, August 21-28, 1982 to the Committee on Foreign Affairs, U.S. House of Representatives. — Washington : U.S. G.P.O., [1982]

vii, 36 p. ; 24 cm. "Subcommittee on Africa"—P. II. At head of title: 97th Congress. 2d session. Committee print. "December 30, 1982." Includes bibliographical references. ●Item 1017-A, 1017-B (microfiche)

1. Educational assistance, American — South Africa. 2. United States — Foreign relations — South Africa. 3. South Africa — Foreign relations — United States. I. United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Africa. II. Title: US educational assistance in South Africa. OCLC 09263318

**83-12512**

**Y 4.F 76/1:H 75/2**

United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Inter-American Affairs.

Honduras and U.S. policy : an emerging dilemma : hearing before the Subcommittee on Inter-American Affairs of the Committee on Foreign Affairs, House of Representatives, Ninety-seventh Congress, second session, September 21, 1982. — Washington : U.S. G.P.O., 1982.

iv, 108 p. ; 24 cm. Includes bibliographical references. ●Item 1017-A, 1017-B (microfiche)

1. United States — Foreign relations — Honduras. 2. Honduras — Foreign relations — United States. I. Title. II. Title: Honduras and US policy. OCLC 09086217

**83-12513**

**Y 4.F 76/1:H 75/3**

Observance of the Honduran national elections : report of a congressional study mission, November 28-30, 1981 submitted to the Committee on Foreign Affairs, U.S. House of Representatives. — Washington : U.S. G.P.O., 1982.

vii, 15 p. : 1 map ; 24 cm. At head of title: 97th Congress, 2d session. Committee print. "December 1982." ●Item 1017-A, 1017-B (microfiche)

1. Honduras — Politics and government. 2. Elections — Honduras. I. United States. Congress. House. Committee on Foreign Affairs. OCLC 09278705

**83-12514**

**Y 4.F 76/1:H 88/10/981/review**

United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Human Rights and International Organizations.

Review of State Department country reports on human rights practices for 1981 : hearing before the Subcommittee on Human Rights and International Organizations of the Committee on Foreign Affairs, House of Representatives, Ninety-seventh Congress, second session, April 28, 1982. — Washington : U.S. G.P.O., 1982.

iii, 149 p. ; 24 cm. Includes bibliographical references. ●Item 1017-A, 1017-B (microfiche)

1. Civil rights. 2. United States. Dept. of State. I. Title. OCLC 09085366

**83-12515**

**Y 4.F 76/1:H 88/20/v.2**

United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Human Rights and International Organizations.

Implementation of congressionally mandated human rights provisions : hearings before the Subcommittee on Human Rights and International Organizations of the Committee on Foreign Affairs, House of Representatives, Ninety-seventh Congress, first session. — Washington : U.S. G.P.O., 1982-

v. : 1 map ; 24 cm. "Subcommittees on Europe and the Middle East, on Asian and Pacific Affairs, on Human Rights and International Organizations, and on Africa"—Vol. II. "November 5, 17, December 10, 1981; February 23, March 9, 17, 1982"—Vol. II. ●Item 1017-A, 1017-B (microfiche)

1. Civil rights — United States. 2. United States — Foreign relations. I. United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Europe and the Middle East. II. United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Asian and Pacific Affairs. III. United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Africa. IV. Title. OCLC 08702272

83-12516

Y 4.F 76/1:K 12/2

United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Asian and Pacific Affairs.

The Democratic Kampuchea seat at the United Nations and American interests : hearing before the Subcommittees on Asian and Pacific Affairs and on Human Rights and International Organizations of the Committee on Foreign Affairs, House of Representatives, Ninety-seventh Congress, September 15, 1982. — Washington : U.S. G.P.O., 1983.

iii, 57 p. ; 24 cm. ●Item 1017-A, 1017-B (microfiche)

1. Cambodia — Politics and government. 2. United Nations. 3. United States — Foreign relations — Cambodia. 4. Cambodia — Foreign relations — United States. I. United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Human Rights and International Organizations. II. Title. OCLC 09274626

83-12517

Y 4.F 76/1:L 49/2

United States. Congress. House. Committee on Foreign Affairs.

United States policy toward Lebanon-relief and rehabilitation assistance : hearings and markup before the Committee on Foreign Affairs and its Subcommittee on Europe and the Middle East of the House of Representatives, Ninety-seventh Congress, second session, on H.R. 6631, June 17, 22, July 13 and 15, 1982. — Washington : U.S. G.P.O., 1983.

iv, 333 p. ; 24 cm. Includes bibliographical references. ●Item 1017-A, 1017-B (microfiche)

1. United States — Foreign relations — Lebanon. 2. Lebanon — Foreign relations — United States. 3. Economic assistance, American — Lebanon. I. United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Europe and the Middle East. II. Title. OCLC 09318544

83-12518

Y 4.F 76/1:M 58/20/982-3

United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Europe and the Middle East.

Developments in the Middle East, September 1982 : hearings before the Subcommittee on Europe and the Middle East of the Committee on Foreign Affairs, House of Representatives, Ninety-seventh Congress, second session, September 22 and 29, 1982. — Washington : U.S. G.P.O., 1983.

iii, 59 p. ; 24 cm. ●Item 1017-A, 1017-B (microfiche)

1. Near East — Politics and government. 2. United States — Foreign relations — Near East. 3. Near East — Foreign relations — United States. I. Title. OCLC 09285327

83-12519

Y 4.F 76/1:N 22/2

United States. Congress. House. Committee on Foreign Affairs.

To authorize the transfer of nine naval vessels to certain foreign governments, and other matters : hearing and markup before the Committee on Foreign Affairs, House of Representatives, Ninety-seventh Congress, second session on H.R. 7115, September 21, 1982. — Washington : U.S. G.P.O., 1982.

iii, 28 p. ; 24 cm. ●Item 1017-A, 1017-B (microfiche)

1. Ship transfers to foreign registry. 2. Warships. 3. Military assistance, American. I. Title. OCLC 09191875

83-12520

Y 4.F 76/1:T 48

United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Asian and Pacific Affairs.

Recent developments in East Timor : hearing before the Subcommittee on Asian and Pacific Affairs of the Committee on Foreign Affairs, House of Representatives, Ninety-seventh Congress, second session, September 14, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

iii, 99 p. ; 24 cm. ●Item 1017-A, 1017-B (microfiche)

1. Timor Timur (Indonesia) — Politics and government. I. Title. OCLC 09231942

83-12521

Y 4.F 76/1:Un 35/52/981

United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Europe and the Middle East.

United States relations with Europe and the Soviet Union—1981 : hearings before the Subcommittee on Europe and the Middle East of the Committee on Foreign Affairs, House of Representatives, Ninety-seventh Congress, first session, June 2 and 10, 1981. — Washington : U.S. G.P.O., 1982.

iii, 221 p. ; 24 cm. ●Item 1017-A, 1017-B (microfiche)

1. United States — Foreign relations — Europe. 2. Europe — Foreign relations — United States. 3. United States — Foreign relations — Soviet Union. 4. Soviet Union — Foreign relations — United States. I. Title. OCLC 09191703

83-12522

Y 4.F 76/1:W 55/8

United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Human Rights and International Organizations.

Review of the 34th International Whaling Commission meeting : hearing before the Subcommittee on Human Rights and International Organizations of the Committee on Foreign Affairs, House of Representatives, Ninety-seventh Congress, second session, September 16, 1982. — Washington : U.S. G.P.O., 1982.

iii, 100 p. ; 24 cm. Includes bibliographical references. ●Item 1017-A, 1017-B (microfiche)

1. International Whaling Commission. Meeting (34th : 1982 ; Brighton, England) 2. Whaling. I. Title. OCLC 09306319

## FOREIGN RELATIONS, Committee on, Senate
## Washington, DC 20510

83-12523

Y 4.F 76/2:Ar 5/30

United States. Congress. Senate. Committee on Foreign Relations. Subcommittee on Arms Control, Oceans, International Operations, and Environment.

Arms control and the militarization of space : hearing before the Subcommittee on Arms Control, Oceans, International Operations, and Environment of the Committee on Foreign Relations, United States Senate, Ninety-seventh Congress, second session, on S. Res. 129 ... September 20, 1982. — Washington : U.S. G.P.O., 1982.

iii, 69 p. ; 24 cm. ●Item 1039-A, 1039-B (microfiche)

1. Arms control. 2. Weapons systems. 3. Astronautics, Military. 4. United States — Foreign relations — Soviet Union. 5. Soviet Union — Foreign relations — United States. I. Title. OCLC 09089060

83-12524

Y 4.F 76/2:D 35/3

United States. Congress. Senate. Committee on Foreign Relations. Subcommittee on International Economic Policy.

World debt situation : hearing before the Subcommittee on International Economic Policy of the Committee on Foreign Relations, United States Senate, Ninety-seventh Congress, second session, September 27, 1982. — Washington : U.S. G.P.O., 1983.

iii, 56 p. : ill. ; 24 cm. ●Item 1039-A, 1039-B (microfiche)

1. Debt. 2. Debts, External. 3. Economic assistance, American. I. Title. OCLC 09314925

**83-12525**

**Y 4.F 76/2:Ex 3/2/v.12**

United States. Congress. Senate. Committee on Foreign Relations.

Executive sessions of the Senate Foreign Relations Committee. — Washington : U.S. G.P.O., 1976-

v. ; 24 cm. — (Historical series) "Made public November 1980"—Vol. X. "Made public March 1982"—Vol. XI. "Made public November 1982"— Vol. XII. "Eighty-fifth Congress, second session, 1958"—Vol. X. "Eighty-sixth Congress, first session, 1959"—Vol. XI. "Eighty-sixth Congress, second session, 1960"—Vol. XII. ●Item 1039

1. United States — Foreign relations — 1945- I. Title. II. Series: Historical series (United States. Congress. Senate. Committee on Foreign Relations) OCLC 02415974

**83-12526**

**Y 4.F 76/2:L 52/3/981/pt.2**

United States. Congress. Senate. Committee on Foreign Relations.

FY 1981 foreign assistance legislation : hearings before the Committee on Foreign Relations, United States Senate, Ninety-sixth Congress, second session, on S. 2423 ... S. 2422 ... S. 2588 .... — Washington : U.S. G.P.O., 1980-

v. : maps ; 24 cm. "April 24, 1980"—Pt. 2. Includes bibliographical references. Contents: pt. 2. Congressional and public witnesses.

1. Economic assistance, American. 2. Military assistance, American. I. Title. II. Title: F.Y. 1981 foreign assistance legislation. KF26.F6 1980b 80-602096 342.73/0412 ¢2 19 OCLC 06345891

**83-12527**

**Y 4.F 76/2:M 26**

Stetson, Nancy H.

The Madrid meeting of the Conference on Security and Cooperation in Europe : a report to the Committee on Foreign Relations, United States Senate. — Washington : U.S. G.P.O., 1982.

vii, 20 p. ; 24 cm. At head of title: 97th Congress, 2d session. Committee print. "July 1982." ●Item 1039-A, 1039-B (microfiche)

1. Conference on Security and Cooperation in Europe (1980-1981 : Madrid, Spain) 2. United States — Foreign relations — Europe. 3. Europe — Foreign relations — United States. 4. United States — National security. 5. Civil rights. I. United States. Congress. Senate. Committee on Foreign Relations. II. Title. OCLC 09278773

**83-12528**

**Y 4.F 76/2:N 51/6**

United States. Congress. Senate. Committee on Foreign Relations. Subcommittee on Western Hemisphere Affairs.

Human rights in Nicaragua : hearings before the Subcommittee on Western Hemisphere Affairs of the Committee on Foreign Relations, United States Senate, Ninety-seventh Congress, second session, February 25 and March 1, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

iii, 93 p. : 1 map ; 24 cm. Includes bibliographical references. ●Item 1039-A, 1039-B (microfiche)

1. Civil rights — Nicaragua. I. Title. OCLC 09223536

**83-12529**

**Y 4.F 76/2:P 92/3**

United States. Congress. Senate. Committee on Foreign Relations.

Presidential certifications on conditions in El Salvador : hearing before the Committee on Foreign Relations, United States Senate, Ninety-seventh Congress, second session, August 3, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

iv, 280 p. ; 24 cm. Includes bibliographical references. ●Item 1039-A, 1039-B (microfiche)

1. Civil rights — El Salvador. 2. United States — Foreign relations — El Salvador. 3. El Salvador — Foreign relations — United States. 4. Military assistance, American — El Salvador. I. Title. OCLC 09121770

**83-12530**

**Y 4.F 76/2:St 8/11**

United States. Congress. Senate. Committee on Foreign Relations.

U.S. strategic doctrine : hearing before the Committee on Foreign Relations, United States Senate, Ninety-seventh Congress, second session, December 14, 1982. — Washington : U.S. G.P.O., 1983.

iii, 110 p. : ill. ; 24 cm. Includes bibliographical references. ●Item 1039-A, 1039-B (microfiche)

1. Strategy. 2. Deployment (Strategy) 3. United States — National security. I. Title. II. Title: US strategic doctrine. OCLC 09314462

**83-12531**

**Y 4.F 76/2:Un 35/50**

United States. Congress. Senate. Committee on Foreign Relations. Subcommittee on European Affairs.

United States-Soviet research studies : hearing before the Subcommittee on European Affairs of the Committee on Foreign Relations, United States Senate, Ninety-seventh Congress, second session, on S. 2919 ... September 22, 1982. — Washington : U.S. G.P.O., 1982.

iii, 88 p. ; 24 cm. ●Item 1039-A, 1039-B (microfiche)

1. Educational exchanges — United States. 2. Educational exchanges — Soviet Union. 3. Educational exchanges — Europe, Eastern. 4. Trust and trustees — United States. I. Title. OCLC 09151075

## GOVERNMENT OPERATIONS, Committee on, House
## Washington, DC 20515

**83-12532**

**Y 4.G 74/7:Ac 8/6**

United States. Congress. House. Committee on Government Operations. Manpower and Housing Subcommittee.

ACTIONS's rationale for the proposed elimination of the VISTA program : hearings before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-seventh Congress, second session, March 23 and 24, 1982. — Washington : U.S. G.P.O., 1983.

iii, 74 p. : ill. ; 24 cm. ●Item 1016-A, 1016-B (microfiche)

1. Voluntarism — United States. 2. United States. Volunteers in Service to America. 3. United States. Action. I. Title. II. Title: A.C.T.I.O.N's rationale for the proposed elimination of the VISTA program. OCLC 09314523

**83-12533**

**Y 4.G 74/7:Ar 5/5**

United States. Congress. House. Committee on Government Operations. Environment, Energy, and Natural Resources Subcommittee.

Army Corps of Engineers : the North Haven, Conn., mall : hearing before the subcommittee of the Committee on Government Operations, House of Representatives, Ninety-seventh Congress, second session, September 9, 1982. — Washington : U.S. G.P.O., 1982.

iv, 439 p. : ill. ; 24 cm. Includes bibliographical references. ●Item 1016-A, 1016-B (microfiche)

1. Shopping malls — Connecticut — New Haven. 2. New Haven (Conn.) — Stores, shopping centers, etc. I. United States. Army. Corps of Engineers. II. Title. III. Title: The North Haven, Conn., mall. OCLC 09266393

**83-12534**

**Y 4.G 74/7:D 36/12**

United States. Congress. House. Committee on Government Operations. Legislation and National Security Subcommittee.

Alleged favoritism in DOD computer procurement policies : hearings before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-seventh Congress, second session, July 21, 22, and August 4, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

iv, 538 p. : ill. ; 24 cm. Includes bibliographical references. ●Item 1016-A, 1016-B (microfiche)

1. United States. Dept. of Defense — Procurement. 2. Military art and science — United States — Automation. 3. Government purchasing — United States. I. Title. II. Title: Alleged favoritism in D.O.D. computer procurement policies. OCLC 09244007

**83-12535**

**Y 4.G 74/7:D 84/14**

United States. Congress. House. Committee on Government Operations. Intergovernmental Relations and Human Resources Subcommittee.

The regulation of new drugs by the Food and Drug Administration : the new drug review process : hearings before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-seventh Congress, second session, August 3 and 4, 1982. — Washington : U.S. G.P.O., 1982.

vii, 688 p. : ill. ; 24 cm. Includes bibliographical references. [4 cds] ●Item 1016-A, 1016-B (microfiche)

1. Drugs — United States. 2. United States. Food and Drug Administration. I. Title. II. Title: The new drug review process. OCLC 09246909

**83-12536**

**Y 4.G 74/7:G 74/8**

United States. Congress. House. Committee on Government Operations. Legislation and National Security Subcommittee.

Federal government statistics and statistical policy : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-seventh Congress, second session, June 3, 1982. — Washington : U.S. G.P.O., 1983.

iv, 405 p. : ill. ; 24 cm. Bibliography: p. 404-405. ●Item 1016-A, 1016-B (microfiche)

1. United States — Statistics. 2. United States — Statistical services. 3. United States — Surveys — Government policy. I. Title. OCLC 09277006

**83-12537**

**Y 4.G 74/7:J 57**

United States. Congress. House. Committee on Government Operations. Manpower and Housing Subcommittee.

Exploring job help for RIF'd federal workers : hearings before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-seventh Congress, second session, January 26, 27, and February 9, 1982. — Washington : U.S. G.P.O., 1983.

iii, 264 p. ; 24 cm. ●Item 1016-A, 1016-B (microfiche)

1. Job vacancies — United States. 2. United States — Officials and employees. 3. Civil service positions — United States. I. Title. II. Title: Exploring job help for R.I.F.'d federal workers. OCLC 09320257

**83-12538**

**Y 4.G 74/7:N 21 s/947**

United States. Congress. House. Committee on Expenditures in the Executive Departments.

National Security Act of 1947 : hearing before the Committee on Expenditures in the Executive Departments, Eightieth Congress, first session, on H.R. 2319 ... June 27, 1947. — Washington : U.S. G.P.O., 1982.

viii, 194 p. ; 24 cm. Includes bibliographical references. ●Item 1016-A, 1016-B (microfiche)

1. United States. Dept. of Defense. 2. United States — National security. I. Title. 82-603846 OCLC 09101004

**83-12539**

**Y 4.G 74/7:P 38**

United States. Congress. House. Committee on Government Operations. Commerce, Consumer, and Monetary Affairs Subcommittee.

Federal supervision and failure of the Penn Square Bank, Oklahoma City, Okla. : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-seventh Congress, second session, July 16, 1982. — Washington : U.S. G.P.O., 1982.

v, 495 p. : ill. ; 24 cm. ●Item 1016-A, 1016-B (microfiche)

1. Penn Square Bank. 2. Bank failures — Oklahoma — Oklahoma City. I. Title. OCLC 09117594

**83-12540**

**Y 4.G 74/7:P 84/9/981**

United States. Congress. House. Committee on Government Operations. Subcommittee on Government Information and Individual Rights.

Impact of 1981 postal service labor contract on federal civil service retirement system : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-seventh Congress, second session, February 10, 1982. — Washington : U.S. G.P.O., 1982.

iii, 134 p. : ill. ; 24 cm. Includes bibliographical references. ●Item 1016-A, 1016-B (microfiche)

1. United States Postal Service — Officials and employees — Pensions. 2. Civil service pensions — United States. I. Title. OCLC 09250179

**83-12541**

**Y 4.G 74/7:R 29/12**

United States. Congress. House. Committee on Government Operations. Legislation and National Security Subcommittee.

Reorganization Act of 1981 : amend Economy Act to provide that all departments and agencies obtain materials or services from other agencies by contract, and amend the Federal Grant and Cooperative Agreement Act : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-seventh Congress, first session, on H.R. 3270 ... H.R. 3528 ... H.R. 3943 ... October 28, 1981. — Washington : U.S. G.P.O., 1982.

iii, 106 p. ; 24 cm. Includes bibliographical references. ●Item 1016-A, 1016-B (microfiche)

1. United States — Executive departments — Reorganization. 2. Legislative power — United States. 3. Veto — United States. 4. Grants-in-aid — United States. 5. Intergovernmental fiscal relations — United States. 6. Government purchasing — United States. I. Title. OCLC 09307746

**83-12542**

**Y 4.G 74/7:Su 7/17**

United States. Congress. House. Committee on Government Operations. Government Activities and Transportation Subcommittee.

Federal surplus property to be used by state and local governments for correctional facilities : hearing before a sub-

committee of the Committee on Government Operations, House of Representatives, Ninety-seventh Congress, second session, on H.R. 4450 ... and H.R. 6028 ... April 21, 1982. — Washington : U.S. G.P.O., 1983.

iv, 171 p. : ill. ; 24 cm. ●Item 1016-A, 1016-B (microfiche)

1. Surplus government property — United States. 2. Correctional institutions — United States. I. Title. OCLC 09270794

**83-12543**

**Y 4.G 74/7:Su 7/18**

United States. Congress. House. Committee on Government Operations. Government Activities and Transportation Subcommittee.

Administration's "Management initiative" to sell surplus federal land : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-seventh Congress, second session, on H. Res. 265 ... April 27, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

iii, 130 p. : ill. ; 24 cm. ●Item 1016-A, 1016-B (microfiche)

1. Surplus government property — United States. 2. United States — Government property. I. Title. OCLC 09285042

**83-12544**

**Y 4.G 74/7:W 34**

United States. Congress. House. Committee on Government Operations. Environment, Energy, and Natural Resources Subcommittee.

Secretary Watt's refusal to cooperate with Congress : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-seventh Congress, second session, February 24, 1982. — Washington : U.S. G.P.O., 1982.

iii, 116 p. ; 24 cm. Includes bibliographical references. ●Item 1016-A, 1016-B (microfiche)

1. Watt, James G., 1938- 2. United States. Dept. of the Interior. 3. Contempt of legislative bodies — United States. I. Title. OCLC 09269510

## GOVERNMENTAL AFFAIRS, Committee on, Senate
## Washington, DC 20510

**83-12545**

**Y 4.G 74/9:B 43/3**

United States. Congress. Senate. Committee on Governmental Affairs.

Benefits to former presidents : hearing before the Committee on Governmental Affairs, United States Senate, Ninety-seventh Congress, second session, on S. 1325 ... September 22, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

iv, 139 p. : ill. ; 24 cm. Includes bibliographical references. ●Item 1037-B, 1037-C (microfiche)

1. Ex-presidents — United States. 2. Survivors' benefits — United States. 3. Presidents — United States — Archives. 4. United States — Officials and employees — Salaries, allowances, etc. I. Title. OCLC 09318489

**83-12546**

**Y 4.G 74/9:C 33/5**

United States. Congress. Senate. Committee on Governmental Affairs.

Oversight of the Census Bureau : hearing before the Committee on Governmental Affairs, United States Senate, Ninety-seventh Congress, second session, August 23, 1982, Albuquerque, N.Mex. — Washington : U.S. G.P.O., 1983.

iv, 83 p. : 1 map ; 24 cm. ●Item 1037-B, 1037-C (microfiche)

1. United States. Bureau of the Census. 2. Census districts — New Mexico. 3. Demographic surveys — New Mexico. 4. New Mexico — Population. 5. New Mexico — Census. I. Title. OCLC 09321059

**83-12547**

**Y 4.G 74/9:C 49/4**

Civil Service Pension Reform Act : a report / prepared by the Subcommittee on Civil Service, Post Office, and General Services of the Committee on Governmental Affairs, United States Senate. — Washington : U.S. G.P.O., 1983.

vii, 100 p. : ill. ; 24 cm. At head of title: 97th Congress, 2d session. Committee print. "December 1982." Includes bibliographical references. ●Item 1037-C, 1037-D (microfiche)

1. Civil service pensions — United States. I. United States. Congress. Senate. Committee on Governmental Affairs. Subcommittee on Civil Service, Post Office, and General Services. OCLC 09293044

**83-12548**

**Y 4.G 74/9:D 35/2**

United States. Congress. Senate. Committee on Governmental Affairs.

Debt collection in the health professions student loan program : hearing before the Committee on Governmental Affairs, United States Senate, Ninety-seventh Congress, first session, December 8, 1981. — Washington : U.S. G.P.O., 1982.

iv, 163 p. ; 24 cm. Includes bibliographical references. ●Item 1037-B, 1037-C (microfiche)

1. Health occupations schools — United States. 2. Debt — United States. 3. Credit — United States. 4. Collection laws — United States. I. Title. OCLC 09274946

**83-12549**

**Y 4.G 74/9:D 37/2/pt.1**
**Y 4.G 74/9:D 37/2/pt.3**

United States. Congress. Senate. Committee on Governmental Affairs. Subcommittee on Intergovernmental Relations.

Alternative service delivery : hearings before the Subcommittee on Intergovernmental Relations of the Committee on Governmental Affairs, United States Senate, Ninety-seventh Congress, first session. — Washington : U.S. G.P.O., 1982-

v. ; 24 cm. "July 28, 29, and 30, 1981"—Pt. 1. "October 26, 1981, St. Paul, Minnesota"—Pt. 3. Bibliography: pt. 3, p. 120-121. Contents: pt. 1. [Without special title] — pt. 3. Child care. ●Item 1037-B, 1037-C (microfiche)

1. Municipal services — United States. 2. Federal government — United States. 3. Housing — United States. 4. Day care centers — United States. I. Title. OCLC 09178822

**83-12550**

**Y 4.G 74/9:En 2/15**

United States. Congress. Senate. Committee on Governmental Affairs. Subcommittee on Energy, Nuclear Proliferation, and Government Processes.

Critical need for energy research and development : the role of the Midwest research labs : hearing before the Subcommittee on Energy, Nuclear Proliferation, and Government Processes of the Committee on Governmental Affairs, United States Senate, Ninety-seventh Congress, second session, March 22, 1982, Argonne, Illinois. — Washington : U.S. G.P.O., 1982.

iv, 133 p. : ill. ; 24 cm. ●Item 1037-B, 1037-C (microfiche)

1. Science and state — United States. 2. Technology and state — United States. 3. Engineering laboratories — Middle West. 4. Energy policy — United States. I. Title. II. Title: The role of the Midwest research labs. OCLC 09252877

83-12551

Y 4.G 74/9:En 2/16

United States. Congress. Senate. Committee on Governmental Affairs. Permanent Subcommittee on Investigations.

Oversight of Department of Energy research and development facilities : hearing before the Permanent Subcommittee on Investigations of the Committee on Government Affairs, United States Senate, Ninety-seventh Congress, second session, July 27, 1982. — Washington : U.S. G.P.O., 1983.

iii, 135 p. ; 24 cm. Includes bibliographical references. ●Item 1037-B, 1037-C (microfiche)

1. United States. Dept. of Energy. 2. Research and development contracts, Government — United States. 3. Laboratories — United States. I. Title. OCLC 09243151

83-12552

Y 4.G 74/9:Ex 7/3

Factors affecting the export of high-sulfur coal from the eastern interior basin—conference / prepared for the Subcommittee on Energy, Nuclear Proliferation and Government Processes of the Committee on Governmental Affairs, United States Senate by the Coal Extraction and Utilization Center, Southern Illinois University at Carbondale, Carbondale, Illinois. — Washington : U.S. G.P.O., 1983.

v, 129 p. : ill. ; 24 cm. At head of title: 97th Congress, 2d session. Committee print. "December 1982." Includes bibliographical references. ●Item 1037-B, 1037-C (microfiche)

1. Coal trade — Middle West. 2. Coal — Sulphur content — Environmental aspects — United States. 3. Coal — Sulphur content — Economic aspects — United States. I. United States. Congress. Senate. Committee on Governmental Affairs. Subcommittee on Energy, Nuclear Proliferation, and Governmental Processes. II. Southern Illinois University at Carbondale. Coal Extraction and Utilization Research Center. OCLC 09298265

83-12553

Y 4.G 74/9:Ex 7/4

United States. Congress. Senate. Committee on Governmental Affairs. Subcommittee on Energy, Nuclear Proliferation, and Government Processes.

U.S. policy on exports of helium-3 and other nuclear materials and technology : hearing before the Subcommittee on Energy, Nuclear Proliferation, and Government Processes of the Committee on Governmental Affairs, United States Senate, Ninety-seventh Congress, second session, May 13, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

iii, 153 p. ; 24 cm. Includes bibliographical references. ●Item 1037-B, 1037-C (microfiche)

1. Export controls — United States. 2. Helium — United States. 3. Atomic power — United States. 4. Technology transfer. I. Title. II. Title: US policy on exports of helium-3 and other nuclear materials and technology. OCLC 09261995

83-12554

Y 4.G 74/9:F 31/13

United States. Congress. Senate. Committee on Governmental Affairs.

Federal agency acquisition management : hearing before the Committee on Governmental Affairs, United States Senate, Ninety-seventh Congress, second session, on S. 2397 ... April 22, 1982. — Washington : U.S. G.P.O., 1982.

iv, 255 p. : ill. ; 24 cm. ●Item 1037-B, 1037-C (microfiche)

1. Government purchasing — United States. 2. Cost control. 3. Public contracts — United States. 4. Legislative oversight — United States. I. Title. OCLC 09252797

83-12555

Y 4.G 74/9:F 31/14

United States. Congress. Senate. Committee on Governmental Affairs.

Federal Energy Reorganization Act of 1982 : hearings before the Committee on Governmental Affairs, United States Senate, Ninety-seventh Congress, second session, on S. 2562 ... June 24, August 17, September 15 and 21, 1982. — Washington : U.S. G.P.O., 1983.

v, 421 p. : ill. ; 24 cm. Includes bibliographical references. ●Item 1037-B, 1037-C (microfiche)

1. Administrative law — United States. 2. United States. Federal Energy Regulatory Commission. 3. United States — Executive departments — Reorganization. I. Title. OCLC 09319596

83-12556

Y 4.G 74/9:F 49/981

United States. Congress. Senate. Committee on Governmental Affairs.

Financial Integrity Act of 1981 : hearing before the Committee on Governmental Affairs, United States Senate, first session, on S. 864 ... November 13, 1981. — Washington : U.S. G.P.O., 1982.

iii, 58 p. ; 24 cm. Includes bibliographical references. ●Item 1037-B, 1037-C (microfiche)

1. Legislative auditing — United States. 2. Auditing. 3. Finance, Public — United States — Accounting. I. Title. OCLC 09035549

83-12557

Y 4.G 74/9:F 51/2

United States. Congress. Senate. Committee on Governmental Affairs.

Reorganization of the U.S. Fire Administration : hearing before the Committee on Governmental Affairs, United States Senate, Ninety-seventh Congress, second session, April 21, 1982. — Washington : U.S. G.P.O., 1983.

iii, 99 p. ; 24 cm. ●Item 1037-B, 1037-C (microfiche)

1. United States Fire Administration. I. Title. II. Title: Reorganization of the US Fire Administration. OCLC 09314495

83-12558

Y 4.G 74/9:F 52/2/pt.2

United States. Congress. Senate. Committee on Governmental Affairs. Subcommittee on Intergovernmental Relations.

Fiscal disparities : hearings before the Subcommittee on Intergovernmental Relations of the Committee on Governmental Affairs, United States Senate, Ninety-seventh Congress, first session. — Washington : U.S. G.P.O., 1982-

v. : ill. ; 24 cm. "July 15 and 16, 1981 (Washington, D.C.), and August 31, 1981 (St. Paul, Minn)"—Pt. 2. Includes bibliographical references. Contents: pt. 2. The commerce clause .... ●Item 1037-B, 1037-C (microfiche)

1. State governments — United States. 2. Taxation, State — United States. 3. Finance, Public — United States — States. 4. Energy policy — United States. I. Title. KF26.G6738 1981d 82-601167 353.0072/5 ¢2 19 OCLC 08360364

83-12559

Y 4.G 74/9:G 76/4

United States. Congress. Senate. Committee on Governmental Affairs. Subcommittee on Intergovernmental Relations.

Block grant implementation : hearings before the Subcommittee on Intergovernmental Relations of the Committee on Governmental Affairs, United States Senate, Ninety-seventh Congress, second session, May 5 and 11, 1982. — Washington : U.S. G.P.O., 1982.

iv, 636 p. : ill. ; 24 cm. Includes bibliographical references. ●Item 1037-B, 1037-C (microfiche)

1. Block grants — United States. 2. Grants-in-aid — United States. I. Title. OCLC 09250278

**83-12560**

**Y 4.G 74/9:G 76/5**

United States. Congress. Senate. Committee on Governmental Affairs. Subcommittee on Intergovernmental Relations.

Community development block grants : hearing before the Subcommittee on Intergovernmental Relations of the Committee on Governmental Affairs, United States Senate, Ninety-seventh Congress, first session, on the GAO report, "The community development block grant program can be more effective in revitalizing the nation's cities", June 11, 1981. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

iv, 289 p. ; 24 cm. Bibliography: p. 129. ●Item 1037-B, 1037-C (microfiche)

1. United States. Dept. of Housing and Urban Development — Appropriations and expenditures. 2. Housing — Law and legislation — United States. 3. Community development — Law and legislation — United States. I. Title. OCLC 09246116

**83-12561**

**Y 4.G 74/9:R 26/5/pt.2**

United States. Congress. Senate. Committee on Governmental Affairs. Subcommittee on Energy, Nuclear Proliferation, and Government Processes.

Federal regulation : hearing before the Subcommittee on Energy, Nuclear Proliferation, and Government Processes of the Committee on Governmental Affairs, United States Senate, Ninety-seventh Congress, first session. — Washington : U.S. G.P.O., 1981-

v. : ill. ; 24 cm. "July 1, 1981, Quincy, Ill."—Pt. 2. ●Item 1037-B, 1037-C (microfiche)

1. Industry and state — United States. 2. Automobile industry and trade — United States. 3. Air quality management — United States. I. Title. 81-603213 OCLC 07919225

**83-12562**

**Y 4.G 74/9:St 2/2/pt.2**

United States. Congress. Senate. Committee on Governmental Affairs. Subcommittee on Intergovernmental Relations.

State implementation of federal standards : hearing before the Subcommittee on Intergovernmental Relations of the Committee on Governmental Affairs, United States Senate, Ninety-seventh Congress, first session. — Washington : U.S. G.P.O., 1982-

v. : ill. ; 24 cm. "October 15, 1981"—Pt. 2. Includes bibliographical references. Contents: pt. 2. The Occuptional Safety and Health Act. ●Item 1037-B, 1037-C (microfiche)

1. Air — Pollution — Standards — United States. 2. Industrial safety — Standards — United States. I. Title. OCLC 08839274

**83-12563**

**Y 4.G 74/9:W 29/pt.2**

United States. Congress. Senate. Committee on Governmental Affairs. Permanent Subcommittee on Investigations.

Waterfront corruption : hearings before the Permanent Subcommittee on Investigations of the Committee on Governmental Affairs, United States Senate, Ninety-seventh Congress, first session .... — Washington : U.S. G.P.O., 1981.

2 v. ; 24 cm. "February 17, 18, 19, 25, 26, and 27, 1981"—Pt. 1. "September 1981"—Pt. 2. "Index to hearing"—Pt. 2. ●Item 1037-B, 1037-C (microfiche)

1. Shipping — United States — Corrupt practices. 2. Organized crime — United States. I. Title. KF26.G674 1981 81-602561 364.1/68 ¢2 19 OCLC 07629251

## INDIAN AFFAIRS, Select Committee on, Senate Washington, DC 20510

**83-12564**

**Y 4.In 2/11:Ec 7**

United States. Congress. Senate. Select Committee on Indian Affairs.

Oversight of economic development on Indian reservations : hearing before the Select Committee on Indian Affairs, United States Senate, Ninety-seventh Congress, second session, on oversight of economic development on Indian reservations, April 29, 1982, Washington, D.C. — Washington : U.S. G.P.O., 1982.

iii, 141 p. : ill. ; 24 cm. Includes bibliographical references. ●Item 1009-B-5, 1009-C-5 (microfiche)

1. Indians of North America — Reservations — Economic conditions. I. Title. OCLC 09269594

**83-12565**

**Y 4.In 2/11:F 96/2**

United States. Congress. Senate. Select Committee on Indian Affairs.

To amend the Judgement Funds Distribution Act : hearing before the Select Committee on Indian Affairs, United States Senate, Ninety-seventh Congress, second session, on H.R. 3731 ... July 21, 1982, Washington, D.C. — Washington : U.S. G.P.O., 1982.

iii, 27 p. ; 24 cm. ●Item 1009-B-5, 1009-C-5 (microfiche)

1. Indians of North America — Claims. 2. Indians of North America — Legal status, laws, etc. I. Title. OCLC 09278481

**83-12566**

**Y 4.In 2/11:H 81/5**

United States. Congress. Senate. Select Committee on Indian Affairs.

H.R. 4364 — S. 2418 — H.R. 4365 : hearings before the Select Committee on Indian Affairs, United States Senate, Ninety-seventh Congress, first session, on H.R. 4364 ... S. 2418 ... H.R. 4365 ... September 23, 1982, Washington, D.C. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

iii, 33 p. : ill., 2 maps ; 24 cm. ●Item 1009-B-5, 1009-C-5 (microfiche)

1. Yaqui Indians — Land tenure. 2. Luiseno Indians — Land tenure. 3. Indians of North America — Claims. 4. Indians of North America — Financial affairs. I. Title. OCLC 09285675

**83-12567**

**Y 4.In 2/11:In 2/12/983**

United States. Congress. Senate. Select Committee on Indian Affairs.

Oversight of Bureau of Indian Affairs and Indian Health Service 1983 budget submissions : hearing before the Select Committee on Indian Affairs, United States Senate, Ninety-seventh Congress, second session, on oversight of Bureau of Indian Affairs and Indian Health Services fiscal year 1983 budget submissions, February 26, 1982, Washington, D.C. — Washington : U.S. G.P.O., 1983.

iv, 326 p. : ill, 1 map ; 24 cm. Includes bibliographical references. ●Item 1009-B-5, 1009-C-5 (microfiche)

1. United States. Bureau of Indian Affairs — Appropriations and expenditures. 2. United States. Indian Health Service — Appropriations and expenditures. I. Title. OCLC 09274926

83-12568

Y 4.In 2/11:L 22/3

United States. Congress. Senate. Select Committee on Indian Affairs.

Restoration of land to the Colorado River Indian Reservation : hearing before the Select Committee on Indian Affairs, United States Senate, Ninety-seventh Congress, second session, on S. 1652 ... August 19, 1982, Washington, D.C. — Washington : U.S. G.P.O., 1982.

iii, 32 p. : maps ; 24 cm. ●Item 1009-B-5, 1009-C-5 (microfiche)

1. Indians of North America — Land transfers. 2. United States — Public lands. 3. Land titles — Registration and transfer — Arizona. I. Title. OCLC 09276772

83-12569

Y 4.In 2/11:L 22/4

United States. Congress. Senate. Select Committee on Indian Affairs.

Chitimacha and Mashantucket Pequot Indian land claims : hearing before the Select Committee on Indian Affairs, United States Senate, Ninety-seventh Congress, second session, on S. 2294 ... and S. 2719 ... July 14, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

iii, 93 p. ; 24 cm. ●Item 1009-B-5, 1009-C-5 (microfiche)

1. Chitimacha Indians — Claims. 2. Chitimacha Indians — Legal status, laws, etc. 3. Indians of North America — Claims. 4. Pequot Indians — Claims. 5. Pequot Indians — Legal status, laws, etc. I. Title. OCLC 09270236

83-12570

Y 4.In 2/11:St 3/pt.2

United States. Congress. Senate. Select Committee on Indian Affairs.

Steelhead Trout Protection Act : hearing before the Select Committee on Indian Affairs, United States Senate, Ninety-seventh Congress, first session, on S. 874 .... — Washington : U.S. G.P.O., 1981-

v. : ill. ; 24 cm. "September 28, 1981, Washington, D.C."—Pt. 2. Includes bibliographical references. ●Item 1009-B, 1009-C (microfiche)

1. Steelhead fishing — Washington (State) 2. Indians of North America — Washington (State) — Fishing. I. Title. KF26.5.I4 1981j 82-465914 346.7304/6956/0262 [347.306469560262 ¢2 19] OCLC 07843288

## INTERIOR AND INSULAR AFFAIRS, Committee on, House Washington, DC 20515

83-12571

Y 4.In 8/14:97-8/pt.3

United States. Congress. House. Committee on Interior and Insular Affairs. Subcommittee on Public Lands and National Parks.

Public land management policy : oversight hearings before the Subcommittee on Public Lands and National Parks of the Committee on Interior and Insular Affairs, House of Representatives, Ninety-seventh Congress, first session .... — Washington : U.S. G.P.O., 1981-

v. : ill. ; 24 cm. "Hearings ... on oversight of the national park system, hearings held in Washington, D.C., February 4, 5, 8, 22; March 30; and June 22, 1982"—Pt. 3. "Second session"—Pt. 3. "Serial no. 97-8." ●Item 1023-A, 1023-B (microfiche)

1. United States — Public lands. 2. Land use — United States. I. Title. 82-602364 OCLC 08950041

83-12572

Y 4.In 8/14:97-9/pt.6

United States. Congress. House. Committee on Interior and Insular Affairs. Subcommittee on Public Lands and National Parks.

Additions to the national wilderness preservation system : hearings before the Subcommittee on Public Lands and National Parks of the Committee on Interior and Insular Affairs, House of Representatives, Ninety-seventh Congress, first session .... — Washington : U.S. G.P.O., 1982-

v. ; 24 cm. "May 21 ... November 20, 1981"—Pt. 6. Includes bibliographical references. Contents: pt. 6. Mineral leasing in wilderness areas. "Serial no. 97-9." ●Item 1023-A, 1023-B (microfiche)

1. Wilderness areas — Law and legislation — United States. I. Title. OCLC 08739570

83-12573

Y 4.In 8/14:97-9/pt.8

United States. Congress. House. Committee on Interior and Insular Affairs. Subcommittee on Public Lands and National Parks.

Additions to the national wilderness preservation system : hearings before the Subcommittee on Public Lands and National Parks of the Committee on Interior and Insular Affairs, House of Representatives, Ninety-seventh Congress, first session .... — Washington : U.S. G.P.O., 1982-

v. : ill., maps ; 24 cm. "Ninety-seventh Congress, second session"—Pt. 8. "Hearing held in Washington, D.C., November 10, 1982"—Pt. 8. Includes bibliographies. Contents: pt. 8. Oil and gas activities in the Salt Creek Wilderness area, Bitter Lake National Wildlife Refuge, New Mexico. "Serial no. 97-9." ●Item 1023-A, 1023-B (microfiche)

1. Wilderness areas — Law and legislation — United States. I. Title. OCLC 08739570

83-12574

Y 4.In 8/14:97-24

United States. Congress. House. Committee on Interior and Insular Affairs. Subcommittee on Mines and Mining.

National Minerals Security Act : hearings before the Subcommittee on Mines and Mining of the Committee on Interior and Insular Affairs, House of Representatives, Ninety-seventh Congress, first session, on H.R. 3364 ... hearings held in Washington, D.C., October 20 and 29, 1981. — Washington : U.S. G.P.O., 1983.

iv, 251 p. ; 24 cm. Includes bibliographical references. "Serial no. 97-24." ●Item 1023-A, 1023-B (microfiche)

1. Mineral industries — United States. 2. Mines and mineral resources — Government policy — United States. 3. United States — National security. 4. United States — Economic policy. I. Title. OCLC 09319289

83-12575

Y 4.In 8/14:97-30

United States. Congress. House. Committee on Interior and Insular Affairs.

Federal housing assistance for Indian families : oversight hearing before the Committee on Interior and Insular Affairs, House of Representatives, Ninety-seventh Congress, second session, on federal housing assistance for Indian families, hearing held in Washington, D.C., March 4, 1982. — Washington : U.S. G.P.O., 1983.

iv, 229 p. : ill., 1 map ; 24 cm. Includes bibliographical references. "Serial no. 97-30." ●Item 1023-A, 1023-B (microfiche)

1. Indians of North America — Dwellings. 2. Housing — United States — Finance. I. Title. OCLC 09285520

83-12576

Y 4.In 8/14:97-32/pt.2

United States. Congress. House. Committee on Interior and Insular Affairs. Subcommittee on Energy and the Environment.

Quality assurance at the Zimmer Nuclear Station : oversight hearing before the Subcommittee on Energy and the Environment of the Committee on Interior and Insular Affairs, House of Representatives, Ninety-seventh Congress, second session, on quality assurance at the Zimmer Nuclear Station, hearing held in Washington, D.C. .... — Washington : U.S. G.P.O., 1982-

v. ; 24 cm. "September 14, 1982"—Pt. 2. "Serial no. 97-32." ●Item 1023-A, 1023-B (microfiche)

1. Atomic power-plants — Ohio — Design and construction. 2. Atomic energy industries — Ohio — Quality control. I. Title. KF27.I518 1982b 82-602948 363.1/79 ¢2 19 OCLC 08892055

## INTELLIGENCE, Select Committee on, Senate
## Washington, DC 20510

83-12577

Y 4.In 8/19:So 8

United States. Congress. Senate. Select Committee on Intelligence.

Soviet succession : hearing before the Select Committee on Intelligence of the United States Senate, Ninety-seventh Congress, second session, on Soviet succession, September 29, 1982. — Washington : U.S. G.P.O., 1982.

vi, 82 p. ; 24 cm. ●Item 1009-B-7, 1009-C-7 (microfiche)

1. Soviet Union — Politics and government. 2. Soviet Union — Officials and employees. I. Title. OCLC 09151068

## JUDICIARY, Committee on the, House
## Washington, DC 20515

83-12578

Y 4.J 89/1:C 83/7/982

Report of the Committee on the Judiciary, House of Representatives ... identifying court proceedings and actions of vital interest to the Congress (Washington, D.C. : 1981)

Report of the Committee on the Judiciary, House of Representatives ... identifying court proceedings and actions of vital interest to the Congress. Washington : U.S. G.P.O., 1982-

v. ; 24 cm.

Semiannual

Sept. 1, 1981- Spine title: Court proceedings and actions of vital interest to the Congress Sept. 1981- At head of title: 97th Congress, 2d session. Committee print. Print no. 97-22. "Printed for the use of the Committee on the Judiciary." 97th Congress, 2nd session, current to Mar. 1, 1982. ●Item 1020-A, 1020-B (microfiche) Continues: Report of the Committee on the Judiciary ... identifying court proceedings and actions of vital interest to the Congress ISSN 0732-4251

1. Legislative power — United States — Cases. 2. United States. Congress — Officials and employees — Cases. 3. Legislators — Legal status, laws, etc. — United States — Cases. I. United States. Congress. House. Committee on the Judiciary. OCLC 09014445

83-12579

Y 4.J 89/1:In 2/9/982

Index to reports on private and public bills and resolutions favorably reported by the committee in the Ninety-seventh Congress showing their status as of the date of final adjournment / prepared by the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, U.S. House of Representatives. — Washington : U.S. G.P.O., 1982.

ii, 2 p. ; 24 cm. At head of title: 97th Congress, 2d session. Committee print. "December 1982." ●Item 1020-A, 1020-B (microfiche)

1. Bills, Legislative — United States. 2. United States. Congress. House. Committee on the Judiciary. Subcommittee on Administrative Law and Governmental Relations. I. United States. Congress. House. Committee on the Judiciary. Subcommittee on Administrative Law and Governmental Relations. OCLC 09320830

83-12580

Y 4.J 89/1:97/48

United States. Congress. House. Committee on the Judiciary. Subcommittee on Administrative Law and Governmental Relations.

National Association of State Directors of Veterans Affairs, Inc. : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-seventh Congress, second session, on H.R. 6348 ... September 28, 1982. — Washington : U.S. G.P.O., 1982

iii, 17 p. ; 24 cm. "Serial no. 48." ●Item 1020-A, 1020-B (microfiche)

1. National Association of State Directors of Veterans Affairs. I. Title. OCLC 09248093

83-12581

Y 4.J 89/1:97/49

United States. Congress. House. Committee on the Judiciary. Subcommittee on Administrative Law and Governmental Relations.

Compact between New Hampshire and Vermont concerning solid waste : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-seventh Congress, second session, on H.R. 5288 ... May 13, 1982. — Washington : U.S. G.P.O., 1982

iii, 21 p. ; 24 cm. "Serial no. 49." ●Item 1020-A, 1020-B (microfiche)

1. Refuse and refuse disposal — Law and legislation — New Hampshire. 2. Refuse and refuse disposal — Law and legislation — Vermont. 3. Waste products — New Hampshire. 4. Waste products — Vermont. I. Title. OCLC 09244404

83-12582

Y 4.J 89/1:97/51

United States. Congress. House. Committee on the Judiciary. Subcommittee on Administrative Law and Governmental Relations.

Prohibition of threats against the presidential candidates and other persons not covered by the presidential threat statute : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-seventh Congress, second session, on H.R. 6168 ... May 13, 1982. — Washington : U.S. G.P.O., 1982.

iii, 17 p. ; 24 cm. "Serial no. 51." ●Item 1020-A, 1020-B (microfiche)

1. Offenses against heads of state — United States. 2. Threats — United States. 3. Political crimes and offenses —

United States. 4. Criminal law — United States. I. Title. OCLC 09298370

**83-12583**

**Y 4.J 89/1:97/53**

United States. Congress. House. Committee on the Judiciary. Subcommittee on Administrative Law and Governmental Relations.

Air disaster litigation : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-seventh Congress, first and second sessions, on H.R. 1027 ... December 10, 1981, and February 24, 1982. — Washington : U.S. G.P.O., 1982.

iii, 137 p. : ill. ; 24 cm. Bibliography: p. 68-71. "Serial no. 53." ●Item 1020-A, 1020-B (microfiche)

1. Aeronautics — United States — Accidents. 2. Aeronautics — United States. 3. Procedure (Law) I. Title. OCLC 09288898

**83-12584**

**Y 4.J 89/1:97/56**

United States. Congress. House. Committee on the Judiciary. Subcommittee on Administrative Law and Governmental Relations.

Collection of debts owed to the United States : hearings before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-seventh Congress, second session, on H.R. 4614 ... June 10, July 14, 15, 1982. — Washington : U.S. G.P.O., 1982 [i.e 1983]

iv, 357 p. : forms ; 24 cm. Includes bibliographical references. "Serial no. 56." ●Item 1020-A, 1020-B (microfiche)

1. Debt — United States. 2. Collecting of accounts — United States. 3. Government lending — United States. I. Title. OCLC 09319357

**83-12585**

**Y 4.J 89/1:97/57**

United States. Congress. House. Committee on the Judiciary. Subcommittee on Administrative Law and Governmental Relations.

Amendment of the special prosecutor provisions of Title 28 : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-seventh Congress, second session, on S. 2059 ... September 28, 1982. — Washington : U.S. G.P.O., 1983.

iii, 73 p. ; 24 cm. "Serial no. 57." ●Item 1020-A, 1020-B (microfiche)

1. Special prosecutors — United States. 2. Corruption (in politics) — United States. 3. Government attorneys — United States. I. Title. OCLC 09307605

**83-12586**

**Y 4.J 89/1:97/59**

United States. Congress. House. Committee on the Judiciary. Subcommittee on Crime.

Reauthorization of the Drug Enforcement Administration : hearing before the Subcommittee on Crime of the Committee on the Judiciary, House of Representatives, Ninety-seventh Congress, first session, on reauthorization of the Drug Enforcement Administration, March 12, 1981. — Washington : U.S. G.P.O., 1983.

iii, 80 p. : ill., maps ; 24 cm. "Serial no. 59." ●Item 1020-A, 1020-B (microfiche)

1. United States. Drug Enforcement Administration — Appropriations and expenditures. 2. Drug trade — United States. 3. Narcotics, Control of — United States. I. Title. OCLC 09318569

## JUDICIARY, Committee on the, Senate Washington, DC 20510

**83-12587**

**Y 4.J 89/2:J-97-27**

United States. Congress. Senate. Committee on the Judiciary. Subcommittee on Regulatory Reform.

Regulatory Reform Act—S. 1080 : hearing before the Subcommittee on Regulatory Reform of the Committee on the Judiciary, United States Senate, Ninety-seventh Congress, first session, on S. 1080, May 14, 1981. — Washington : U.S. G.P.O., 1982.

viii, 1272 p. : ill. ; 24 cm. Includes bibliographical references. "Serial no. J-97-8 [i.e. J-97-27]" ●Item 1042-A, 1042-B (microfiche)

1. Administrative law — United States. 2. United States — Executive departments. I. Title. OCLC 08772377

**83-12588**

**Y 4.J 89/2:J-97-53/pt.1-2**

United States. Congress. Senate. Committee on the Judiciary.

DOJ oversight : U.S. v. A.T.&T. : hearings before the Committee on the Judiciary, United States Senate, Ninety-seventh Congress, first and second sessions, on the Department of Justice oversight of the United States versus American Telephone and Telegraph lawsuit. — Washington : U.S. G.P.O., 1982.

2 v. : ill. ; 24 cm. "August 6, 1981, and January 25, 1982"—Pt. 1. "March 25, 1982"—Pt. 2. Includes bibliographical references. Contents: pt. 1. [Without special title] — pt. 2 The effect on local rates. "Serial no. J-97-53." ●Item 1042-A, 1042-B (microfiche)

1. American Telephone and Telegraph Company. 2. Telecommunication — Law and legislation — United States. I. Title. II. Title: D.O.J. oversight. III. Title: U.S. v. A.T.&T. OCLC 09270039

**83-12589**

**Y 4.J 89/2:J-97-76/pt.2**

United States. Congress. Senate. Committee on the Judiciary.

Oversight of government merger enforcement policy : hearings before the Committee on the Judiciary, United States Senate, Ninety-seventh Congress, first session, on oversight of government merger enforcement policy. — Washington : U.S. G.P.O., 1982-

v. ; 24 cm. "Second session"—Pt. 2. "July 21, 1982"—Pt. 2. Includes bibliographical references. "Serial no. J-97-76." ●Item 1042-A, 1042-B (microfiche)

1. Consolidation and merger of corporations — United States. 2. Trade regulation — United States. I. Title. OCLC 08891541

**83-12590**

**Y 4.J 89/2:J-97-101/v.2**

United States. Congress. Senate. Committee on the Judiciary. Subcommittee on Security and Terrorism.

The role of the Soviet Union, Cuba, and East Germany in fomenting terrorism in Southern Africa : hearings before the Subcommittee on Security and Terrorism of the Committee on the Judiciary, United States Senate, Ninety-seventh Congress, second session, on the role of the Soviet Union, Cuba, and East Germany in fomenting terrorism in Southern Africa .... — Washington : U.S. G.P.O., 1982-

v. : ill. ; 24 cm. "March 22, 24, 25, 29, and 31, 1982"—Vol. 2. Contents: v. 2. Addendum. "Serial no. J-97-101." ●Item 1042-A, 1042-B (microfiche)

1. Subversive activities — Europe, Eastern. 2. Subversive activities — Cuba. 3. Europe, Eastern — Foreign relations —

Africa, Southern. 4. Cuba — Foreign relations — Africa, Southern. 5. Terrorism — Africa, Southern. I. Title. OCLC 09008807

**83-12591**

**Y 4.J 89/2:J-97-106**

United States. Congress. Senate. Committee on the Judiciary.

Department of Justice authorization request for fiscal year 1983 : hearing before the Committee on the Judiciary, United States Senate, Ninety-seventh Congress, second session, on the authorization request of the U.S. Department of Justice for fiscal year 1983, March 23, 1982. — Washington : U.S. G.P.O., 1982.

iii, 59 p. ; 24 cm. "Serial no. J-97-106." ●Item 1042-A, 1042-B (microfiche)

1. United States. Dept. of Justice — Appropriations and expenditures. 2. Budget — United States. I. Title. OCLC 09293593

**83-12592**

**Y 4.J 89/2:J-97-113**

United States. Congress. Senate. Committee on the Judiciary. Subcommittee on Courts.

Bankruptcy : The Shopping Center Protection Improvement Act of 1982 : hearing before the Subcommittee on Courts of the Committee on the Judiciary, United States Senate, Ninety-seventh Congress, second session, on S. 2297 ... May 3, 1982. — Washington : U.S. G.P.O., 1982.

vi, 138 p. ; 24 cm. "Serial no. J-97-113." ●Item 1042-A, 1042-B (microfiche)

1. Shopping centers — Law and legislation — United States. 2. Bankruptcy — United States. I. Title. OCLC 09269933

**83-12593**

**Y 4.J 89/2:J-97-119**

United States. Congress. Senate. Committee on the Judiciary.

Unfair Foreign Competition Act of 1982 : hearings before the Committee on the Judiciary, United States Senate, Ninety-seventh Congress, second session, on S. 2167 ... and S. 2517 ... May 24 and June 24, 1982. — Washington : U.S. G.P.O., 1982.

iv, 152 p. ; 24 cm. "Serial no. J-97-119." ●Item 1042-A, 1042-B (microfiche)

1. Competition, Unfair. 2. Foreign trade regulation — United States. 3. United States — Commercial policy. I. Title. OCLC 09266613

**83-12594**

**Y 4.J 89/2:J-97-120**

United States. Congress. Senate. Committee on the Judiciary. Subcommittee on Criminal Law.

Pharmacy robbery legislation : hearing before the Subcommittee on Criminal Law of the Committee on the Judiciary, United States Senate, Ninety-seventh Congress, second session, on S. 20, S. 661, S. 954, S. 1025, S. 1339, and H.R. 2034 ... June 17, 1982. — Washington : U.S. G.P.O., 1982.

iv, 156 p. : ill. ; 24 cm. Includes bibliographical references. "Serial no. J-97-120." ●Item 1042-A, 1042-B (microfiche)

1. Pharmacy — Law and legislation — United States — Criminal provisions. 2. Crime and criminals — United States. 3. Criminal law — United States. 4. Robbery — United States. I. Title. OCLC 09290448

**83-12595**

**Y 4.J 89/2:J-97-124**

United States. Congress. Senate. Committee on the Judiciary. Subcommittee on Security and Terrorism.

Domestic security (LEVI) guidelines : hearings before the Subcommittee on Security and Terrorism of the Committee on the Judiciary, United States Senate, Ninety-seventh Congress, second session, on the domestic security investigation guidelines, June 24, 25; August 11 and 12, 1982. — Washington : U.S. G.P.O., 1983.

iv, 587 p. : ill. ; 24 cm. Includes bibliographical references. "Serial no. J-97-124." ●Item 1042-A, 1042-B (microfiche)

1. Security international — United States. 2. Subversive activities — United States. 3. Governmental investigations — United States. I. Title. II. Title: Domestic security (L.E.V.I.) guidelines. OCLC 09284953

**83-12596**

**Y 4.J 89/2:J-97-139**

United States. Congress. Senate. Committee on the Judiciary. Subcommittee on Agency Administration.

Federal Jury Improvements Act of 1982 : hearing before the Subcommittee on Agency Administration of the Committee on the Judiciary, United States Senate, Ninety-seventh Congress, second session, on S. 2863 ... September 23, 1982. — Washington : U.S. G.P.O., 1982.

iv, 49 p. ; 24 cm. Includes bibliographical references. "Serial no. J-97-139." ●Item 1042-A, 1042-B (microfiche)

1. Government attorneys — United States. 2. Lawyers — United States — Fees. 3. Workers compensation — United States. 4. United States — Officials and employees — Salaries, allowances, etc. I. Title. OCLC 09278418

**83-12597**

**Y 4.J 89/2:V 63**

Flannery, John P.

The undercover investigation of Robert L. Vesco's alleged attempts to reverse a State Department ban preventing the export of planes to Libya : staff report of the Committee on the Judiciary, United States Senate. — Washington : U.S. G.P.O., 1982

xii, 56 p. ; 24 cm. At head of title: 97th Congress, 2d session. Committee print. "September 1982." Includes bibliographical references. ●Item 1042-A, 1042-B (microfiche)

1. Airplanes. 2. Libya — Commerce. 3. Vesco, Robert. I. United States. Congress. Senate. Committee on the Judiciary. II. Title. OCLC 09246839

## LABOR AND HUMAN RESOURCES, Committee on, Senate Washington, DC 20510

**83-12598**

**Y 4.L 11/4:Al 1/4**

United States. Congress. Senate. Committee on Labor and Human Resources. Subcommittee on Alcoholism and Drug Abuse.

Effect of alcohol and drug abuse on productivity : joint hearing before the Subcommittee on Alcoholism and Drug Abuse and the Subcommittee on Employment and Productivity of the Committee on Labor and Human Resources, United States Senate, Ninety-seventh Congress, second session, on to review employee assistance programs for alcohol and drug abuse problems in American industry and professions, July 14, 1982. — Washington : U.S. G.P.O., 1982.

iv, 210 p. : ill. ; 24 cm. ●Item 1043-A, 1043-B (microfiche)

1. Drugs and employment — United States. 2. Alcoholism — Treatment — United States. 3. Alcoholism counseling — United States. 4. Industrial productivity — United States. 5. Drug abuse — United States. I. United States. Congress. Senate. Committee on Labor and Human Resources. Subcommittee on Employment and Productivity. II. Title. OCLC 09247027

83-12599

Y 4.L 11/4:N 21 s/983

United States. Congress. Senate. Committee on Labor and Human Resources.

National Science Foundation Authorization Act for fiscal year 1983 : hearing before the Committee on Labor and Human Resources, United States Senate, Ninety-seventh Congress, second session, on S. 2349 ... April 15, 1982. — Washington : U.S. G.P.O., 1983.

iv, 231 p. : ill. ; 24 cm. ●Item 1043-A, 1043-B (microfiche)

1. National Science Foundation (U.S.) — Appropriations and expenditures. 2. United States — Appropriations and expenditures, 1983. I. Title. OCLC 09289905

83-12600

Y 4.L 11/4:N 72/982-7

United States. Congress. Senate. Committee on Labor and Human Resources.

Nominations : hearing before the Committee on Labor and Human Resources, United States Senate, Ninety-seventh Congress, second session, on William Arthur Webb, of Pennsylvania, to be a member of the Equal Employment Opportunity Commission and Harry M. Singleton, of the District of Columbia, to be Assistant Secretary for Civil Rights, Department of Education, Lawrence F. Davenport, of Virginia, to be Assistant Secretary for Elementary and Secondary Education, Department of Education, Gary L. Bauer, of Virginia, to be Deputy Under Secretary for Planning and Budget, Department of Education, and Charles L. Heatherly, of Virginia, to be Deputy Under Secretary for Management, Department of Education, September 22, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

ii, 118 p. ; 24 cm. Includes bibliographical references. ●Item 1043-A, 1043-B (microfiche)

1. United States. Equal Employment Opportunity Commission — Appointments, promotions, salaries, etc. 2. United States. Dept. of Education — Appointments, promotions, salaries, etc. I. Title. OCLC 09277324

83-12601

Y 4.L 11/4:R 11/981/pt.2

United States. Congress. Senate. Committee on Labor and Human Resources.

Radiation Exposure Compensation Act of 1981 : hearing before the Committee on Labor and Human Resources, United States Senate, Ninety-seventh Congress, first session, on S. 1483 .... — Washington : U.S. G.P.O., 1982-

v. : ill., 1 map ; 24 cm. "Salt Lake City, Utah, April 8, 1982"—Pt. 2. "Second session"—Pt. 2. Includes bibliographical references. ●Item 1043-A, 1043-B (microfiche)

1. Liability for nuclear damages — United States. 2. Government liability — United States. 3. Radioactive fallout — Toxicology — United States. I. Title. KF26.L27 1981ab 82-601817 346.7303/8 [347.30638 ¢2 19] OCLC 08413373

83-12602

Y 4.L 11/4:St 9/3/982

United States. Congress. Senate. Committee on Labor and Human Resources. Subcommittee on Education, Arts, and Humanities.

Student loan assistance amendments of 1982 : hearing before the Subcommittee on Education, Arts, and Humanities of the Committee on Labor and Human Resources, United States Senate, Ninety-seventh Congress, second session, on S. 2655 ... September 30, 1982. — Washington : U.S. G.P.O., 1982.

iii, 24 p. ; 24 cm. ●Item 1043-A, 1043-B (microfiche)

1. Student aid — Law and legislation — United States. 2. Federal aid to higher education — United States. I. Title. OCLC 09298458

## MERCHANT MARINE AND FISHERIES, Committee on, House Washington, DC 20515

83-12603

Y 4.M 53:97-14

United States. Congress. House. Committee on Merchant Marine and Fisheries. Subcommittee on Merchant Marine.

Merchant marine miscellaneous : hearings before the Subcommittee on Merchant Marine of the Committee on Merchant Marine and Fisheries, Ninety-seventh Congress, first session .... — Washington : U.S. G.P.O., 1981-

v. : ill. ; 24 cm. "June 18, 1981 ... June 23, 1981"—Pt. 2. Includes bibliographical references. Contents: Pt. 2. Canadian diversion of U.S. cargo—H.R. 3637 ... H.R. 3577. "Serial no. 97-14"—Pt. 2. ●Item 1021-B, 1021-C (microfiche)

1. Maritime law — United States. 2. United States. Dept. of Commerce Appropriations and expenditures. 3. United Nations Conference on Trade and Development. I. Title. KF27.M464 1981 81-603124 343.73/096/02632 [347.3039602632 ¢2 19] OCLC 07842686

83-12604

Y 4.M 53:97-30

United States. Congress. House. Committee on Merchant Marine and Fisheries. Subcommittee on Merchant Marine.

Merchant marine miscellaneous : hearings before the Subcommittee on Merchant Marine of the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-seventh Congress, first session .... — Washington : U.S. G.P.O., 1981-

v. : ill. ; 24 cm. "Second session"—Pt. 4. "March 10, 11, 1982, April 14, 1982—San Juan, Puerto Rico, May 13, 1982—Washington, D.C."—Pt. 4. Includes bibliographical references. Contents: pt. 4. Marad authorization .... "Serial no. 97-30." ●Item 1021-B, 1021-C (microfiche)

1. Maritime law — United States. 2. United States. Dept. of Commerce — Appropriations and expenditures. 3. United Nations Conference on Trade and Development. 4. Merchant ships — United States. 5. Passenger ships — Puerto Rico. 6. Cargo ships — Puerto Rico — Passenger traffic. I. Title. KF27.M464 1981 81-603124 343.73/096/02632 [347.3039602632 ¢2 19] OCLC 07842686

83-12605

Y 4.M 53:97-34

United States. Congress. House. Committee on Merchant Marine and Fisheries. Subcommittee on the Panama Canal/Outer Continental Shelf.

Panama Canal miscellaneous : hearings before the Subcommittee on the Panama Canal/Outer Continental Shelf of the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-seventh Congress, second session, on repeal Panama Canal Code—H.R. 5601, February 26, 1982, Panama Canal Commission authorization, fiscal year 1983, and oversight, April 20, 1982. — Washington : U.S. G.P.O., 1982.

iv, 240 p. ; 24 cm. "Serial no. 97-34." ●Item 1021-B, 1021-C (microfiche)

1. Canal Zone — Officials and employees. 2. United States. Panama Canal Commission — Appropriations and expenditures. I. Title. OCLC 08831374

83-12606

Y 4.M 53:97-40

United States. Congress. House. Committee on Merchant Marine and Fisheries. Subcommittee on Oceanography.

Ocean dumping : hearings before the Subcommittee on Oceanography and the Subcommittee on Fisheries and Wild-

life Conservation, and the Environment of the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-seventh Congress, second session, on reauthorization of The Marine Protection, Research and Sanctuaries Act, Titles I and II—H.R. 6112 and H.R. 6113, March 18, 23, 26, 1982, proposed ocean dumping user fees—H.R. 6113 and H.R. 6324 (joint committee hearing with Subcommittee on Natural Resources, Agriculture Research, and Environment of the Committee on Science and Technology) June 23, 1982. — Washington : U.S. G.P.O., 1982.

vii, 751 p. : ill., maps ; 24 cm. Bibliography: p. 713-718. "Serial no. 97-40." ●Item 1021-B, 1021-C (microfiche)

1. Waste disposal in the ocean — Law and legislation — United States. 2. Marine resources conservation — Law and legislation — United States. 3. Marine parks and reserves — United States. 4. Wildlife conservation — Law and legislation — United States. I. United States. Congress. House. Committee on Merchant Marine and Fisheries. Subcommittee on Fisheries and Wildlife Conservation and the Environment. II. United States. Congress. House. Committee on Science and Technology. Subcommittee on Natural Resources, Agriculture Research and Environment. III. Title. OCLC 09185615

**83-12607**

**Y 4.M 53:97-42**

United States. Congress. House. Committee on Merchant Marine and Fisheries. Subcommittee on Coast Guard and Navigation.

Coast Guard miscellaneous : hearings before the Subcommittee on Coast Guard and Navigation of the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-seventh Congress, first session .... — Washington : U.S. G.P.O., 1981-

v. : ill. ; 24 cm. "September 22 ... 23, 1982"—Pt. 3. "Second session"—Pt. 3. Contents: pt. 3. Short range aids to navigation .... "Serial no. 97-42"—Pt. 3. ●Item 1021-B, 1021-C (microfiche)

1. Liability for oil pollution damages — United States. 2. United States. Coast Guard — Appropriations and expenditures. 3. Oil spills — Law and legislation — United States. 4. Bridges — United States. 5. Training-ships — United States. 6. United States — Executive departments — Reorganization. I. Title. KF27.M434 1981 81-602996 343.73/01997/0262 [347.30319970262 ¢2 19] OCLC 07849518

**83-12608**

**Y 4.M 53:97-44**

United States. Congress. House. Committee on Merchant Marine and Fisheries. Subcommittee on Fisheries and Wildlife, Conservation and the Environment.

Relation of the Endangered Species Act on captive propagation of wildlife : hearing before the Subcommittee on Fisheries and Wildlife Conservation and the Environment of the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-seventh Congress, second session, on U.S. policy relating to ranching, farming, mariculture, and aquaculture of fish and wildlife and the Endangered Species Act, October 4, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

iv, 286 p. : ill. ; 24 cm. Bibliography: p. 159. "Serial no. 97-44." ●Item 1021-A, 1021-B (microfiche)

1. Wild animals, Captive — United States. 2. Breeding — United States. 3. Turtle culture — United States. 4. Wildlife conservation — United States. I. Title. OCLC 09318748

## POST OFFICE AND CIVIL SERVICE, Committee on, House Washington, DC 20515

**83-12609**

**Y 4.P 84/10:Sa 3/16/983**

Current salary schedules of federal officers and employees together with a history of salary and retirement annuity adjustments / Committee on Post Office and Civil Service, House of Representatives. Washington : U.S. G.P.O.,

v. ; 24 cm. At head of title: 98th Congress, 1st session. Committee print. Committee print 98-1. Jan. 31, 1983. Description based on: Apr. 26, 1982. Schedules for 19(72)-73 are cumulative from 1945. ●Item 1022-B, 1022-C (microfiche) ISSN 0364-9113

1. United States — Officials and employees — Salaries, allowances, etc. — Periodicals. I. United States. Congress. House. Committee on Post Office and Civil Service. JK774.C65a 74-602078 //r772 331.2/81/353 OCLC 02712417

**83-12610**

**Y 4.P 84/10:96-112**

United States. Congress. House. Committee on Post Office and Civil Service. Subcommittee on Investigations.

Sexual harassment in the federal government : hearings before the Subcommittee on Investigations of the Committee on Post Office and Civil Service, House of Representatives, Ninety-sixth Congress .... — Washington : U.S. G.P.O., 1980- [i.e. 1981]

v. : ill. ; 24 cm. "September 25, 1980"—Pt. 2. "Serial no. 96-112"—Pt. 2. ●Item 1022 (microfiche)

1. Sexual harassment of women — United States. 2. Women in the civil service — United States. 3. Employee-management relations in government — United States. I. Title. KF27.P646 1979e 80-601316 //r822 353.001/04 ¢2 19 OCLC 06605156

**83-12611**

**Y 4.P 84/10:97-47**

United States. Congress. House. Committee on Post Office and Civil Service. Subcommittee on Postal Operations and Services.

Effectiveness of the Postal Reorganization Act of 1970 : joint hearings before the Subcommittee on Postal Operations and Services and the Subcommittee on Postal Personnel and Modernization of the Committee on Post Office and Civil Service, House of Representatives, Ninety-seventh Congress, first session. — Washington : U.S. G.P.O., 1982-

v. ; 24 cm. "Second session"—Pt. 2. "January 28, February 4, 9, 23, 25, March 4, 9, 18, 25, April 1, 22, June 8, 1982"—Pt. 2. Includes bibliographical references. "Serial no. 97-47"—Pt. 2. ●Item 1022-B, 1022-C (microfiche)

1. United States Postal Service. 2. Postal service — United States. I. United States. Congress. House. Committee on Post Office and Civil Service. Subcommmittee on Postal Personnel and Modernization. II. Title. KF27.P6674 1981b 82-601551 //r83 383/.4/0973 ¢2 19 OCLC 08330692

**83-12612**

**Y 4.P 84/10:97-54**

United States. Congress. House. Committee on Post Office and Civil Service. Subcommittee on Compensation and Employee Benefits.

Federal employee health benefits program (Mercer report) : hearings before the Subcommittee on Compensation and Employee Benefits of the Committee on Post Office and Civil Service, House of Representatives, Ninety-seventh Congress,

second session, August 16, and September 15, 1982. — Washington : U.S. G.P.O., 1983.

iii, 97 p. : ill. ; 24 cm. "Serial no. 97-54." ●Item 1022-B, 1022-C (microfiche)

1. Insurance, Government employees' health — United States. I. Title. OCLC 09318534

**83-12613**

**Y 4.P 84/10:97-56**

United States. Congress. House. Committee on Post Office and Civil Service. Subcommittee on Postal Personnel and Modernization.

Emergency preparedness planning of United States postal service : hearing before the Subcommittee on Postal Personnel and Modernization of the Committee on Post Office and Civil Service, House of Representatives, Ninety-seventh Congress, second session, August 12, 1982. — Washington : U.S. G.P.O., 1983.

iii, 102 p. ; 24 cm. "Serial no. 97-56." ●Item 1022-B, 1022-C (microfiche)

1. Postal service — United States. 2. Civil defense. 3. Disaster relief — United States. I. Title. OCLC 09289861

## ENVIRONMENT AND PUBLIC WORKS, Committee on, Senate Washington, DC 20510

**83-12614**

**Y 4.P 96/10:97-H 14/pt.3**

United States. Congress. Senate. Committee on Environment and Public Works. Subcommittee on Water Resources.

Water resources policy issues : hearings before the Subcommittee on Water Resources of the Committee on Environment and Public Works, United States Senate, Ninety-seventh Congress, first session ... . — Washington : U.S. G.P.O., 1981-

v. : ill., maps ; 24 cm. "July 2, 1981—Albuquerque, N. Mex.; August 7, 1981-Juneau, Alaska; August 10, 1981-Santa Fe, N. Mex.; August 12, 1981-St. Paul, Minn.; August 17, 1981-Great Falls, Mont.; August 18, 1981-Rapid City, S. Dak.; August 19, 1981-Vancouver, Wash"—Pt. 3. Contents: pt. 3. Field hearings. "Serial no. 97-H14." ●Item 1045-A, 1045-B (microfiche)

1. Water resources development — United States. I. Title. KF26.E683 1981 81-603732 //r83 333.91/00973 ¢2 19 OCLC 08055907

**83-12615**

**Y 4.P 96/10:97-H 17/pt.2**

United States. Congress. Senate. Committee on Environment and Public Works. Subcommittee on Environmental Pollution.

Municipal wastewater treatment construction grants program : hearings before the Subcommittee on Environmental Pollution of the Committee on Environment and Public Works, United States Senate, Ninety-seventh Congress, first session, on S. 975 ... and S. 1274 .... — Washington : U.S. G.P.O., 1981-1982.

v. : ill. ; 24 cm. "June 29, 1981—Warwick, R.I., August 10, 1981—Santa Fe, N. Mex."—Pt. 2. Bibliography: pt. 2, p. 95. "Serial no. 97-H17." ●Item 1045-A, 1045-B (microfiche)

1. Water treatment plants — United States — Finance. 2. Water quality management — United States. 3. Sewage disposal plants — United States. I. Title. 81-603511 OCLC 07966918

**83-12616**

**Y 4.P 96/10:97-H 61/pt.1**

United States. Congress. Senate. Committee on Environment and Public Works. Subcommittee on Transportation.

Federal highway program needs : revenues and cost allocation issues : hearings before the Subcommittee on Transportation of the Committee on Environment and Public Works, United States Senate, Ninety-seventh Congress, second session. — Washington : U.S. G.P.O., 1982-

v. : ill. ; 24 cm. "August 10 and 18, 1982"—Pt. 1. Includes bibliographical references. "Serial no. 97-H61." ●Item 1045-A, 1045-B (microfiche)

1. Roads — United States — Finance. 2. Roads — United States — Maintenance and repair. I. Title. OCLC 09190606

**83-12617**

**Y 4.P 96/10:97-H 63**

United States. Congress. Senate. Committee on Environment and Public Works. Subcommittee on Water Resources.

The impact of the Supreme Court decision in Sporhase versus Nebraska : hearing before the Subcommittee on Water Resources of the Committee on Environment and Public Works, United States Senate, Ninety-seventh Congress, second session, September 15, 1982. — Washington : U.S. G.P.O., 1982.

iii, 154 p. : ill. ; 24 cm. Includes bibliographical references. "Serial no. 97-H63." ●Item 1045-A, 1045-B (microfiche)

1. Water resources development — South Dakota. 2. Water-rights — South Dakota. 3. Water use — South Dakota. I. Title. OCLC 09263368

**83-12618**

**Y 4.P 96/10:97-H 66**

United States. Congress. Senate. Committee on Environment and Public Works.

Toxic chemical pollution in Puget Sound : joint hearing before the Committees on Environment and Public Works and Commerce, Science, and Transportation, United States Senate, Ninety-seventh Congress, second session, October 25, 1982—Seattle, Wash. — Washington : U.S. G.P.O., 1983.

iii, 153 p. : ill., maps ; 24 cm. Includes bibliographies. "Serial no. 97-H66." ●Item 1045-A, 1045-B (microfiche)

1. Pollution — Washington — Puget Sound — Environmental aspects. 2. Refuse and refuse disposal — Washington — Puget Sound. 3. Factory and trade waste — Washington — Puget Sound. I. United States. Congress. Senate. Committee on Commerce, Science, and Transportation. II. Title. OCLC 09289841

**83-12619**

**Y 4.P 96/10:97-H 68**

United States. Congress. Senate. Committee on Environment and Public Works. Subcommittee on Environmental Pollution.

American attitudes toward clean water : hearing before the Subcommittee on Environmental Pollution of the Committee on Environment and Public Works, United States Senate, Ninety-seventh Congress, second session, December 15, 1982. — Washington : U.S. G.P.O., 1983.

iii, 20 p. ; 24 cm. "Serial no. 97-H68." ●Item 1045-A, 1045-B (microfiche)

1. Water — Pollution — United States. 2. Water quality — United States. 3. Public opinion — United States. I. Title. OCLC 09298493

**83-12620**

**Y 4.P 96/10:97-9**

Copeland, Claudia.

A legislative history of the Safe Drinking Water Act : together with a section-by-section index / prepared by the

Environment and Natural Resources Policy Division of the Congressional Research Service of the Library of Congress. — Washington : U.S. G.P.O., 1982.

vi, 1103 p. ; 24 cm. At head of title: 97th Congress, 2d session. Committee print. "Printed for the use of the Senate Committee on Environment and Public Works." "February 1982." Bibliography: p. 1087-1091. Includes index. "Serial no. 97-9." ●Item 1045-A, 1045-B (microfiche)

1. United States. Safe Drinking Water Act. 2. Drinking water — Law and legislation — United States. I. Library of Congress. Environment and Natural Resources Policy Division. II. United States. Congress. Senate. Committee on Environment and Public Works. III. Title. KF3794.A314A15 1982 82-602254 343.73/0924 [347.303924 ¢2 19] OCLC 08491626

## PUBLIC WORKS AND TRANSPORTATION, Committee on, House Washington, DC 20515

**83-12621**

**Y 4.P 96/11:97-68**

United States. Congress. House. Committee on Public Works and Transportation. Subcommittee on Economic Development.

Federal Capital Investment Budget Act of 1982 : hearings before the Subcommittee on Economic Development of the Committee on Public Works and Transportation, House of Representatives, Ninety-seventh Congress, second session, on H.R. 6591 ... September 14, 15, 21, and 22, 1982. — Washington : U.S. G.P.O., 1982.

xi, 466 p. : ill. ; 24 cm. Includes bibliographical references. "97-68." ●Item 1024-A, 1024-B (microfiche)

1. Budget — United States. 2. Capital investments — United States. 3. United States — Public buildings. I. Title. OCLC 09298801

**83-12622**

**Y 4.P 96/11:97-69**

United States. Congress. House. Committee on Public Works and Transportation. Subcommittee on Economic Development.

Capital budgeting : report of the Subcommittee on Economic Development of the Committee on Public Works and Transportation, House of Representatives, (based on hearings by the Subcommittee on Economic Development on H.R. 6591, "Federal Capital Investment Budget Act of 1982", September 14, 15, 21, and 22, 1982). — Washington : U.S. G.P.O., 1983.

vii, 17 p. ; 24 cm. At head of title: 97th Congress, 2d session. Committee print. "December 1982." "97-69." ●Item 1024-A, 1024-B (microfiche)

1. Capital budget — United States. 2. Capital investments — United States. I. Title. OCLC 09318556

**83-12623**

**Y 4.P 96/11:97-81**

United States. Congress. House. Committee on Public Works and Transportation. Subcommittee on Water Resources.

Flood problems in the Pearl River basin : hearings before the Subcommittee on Water Resources of the Committee on Public Works and Transportation, House of Representatives, Ninety-seventh Congress, second session, September 27, 1982, at Jackson, Miss. — Washington : U.S. G.P.O., 1983.

iii, 79 p. ; 24 cm. ●Item 1024-A, 1024-B (microfiche)

1. Flood control — Pearl River (Miss. and La.) 2. Flood damage prevention — Mississippi. 3. Insurance, Flood — Mississippi. I. Title. OCLC 09320935

## RULES, Committee on, House Washington, DC 20515

**83-12624**

**Y 4.R 86/1:C 76/9**

United States. Congress. House. Committee on Rules. Subcommittee on the Legislative Process.

Congressional oversight of federal programs : hearings before the Subcommittee on the Legislative Process of the Committee on Rules, House of Representatives, Ninety-seventh Congress, first and second sessions, on H.R. 2 ... H.R. 58 ... H. Res. 218 ... H. Res. 100 ... July 13, September 18, 25, October 2, 16, November 2, 17, 1981, March 24, and April 21, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

v, 446 p. ; 24 cm. Bibliography: p. 428-446. ●Item 1025-C, 1025-D (microfiche)

1. Legislative oversight — United States. 2. Sunset reviews of government programs — United States. I. Title. OCLC 09278377

**83-12625**

**Y 4.R 86/1:C 76/10**

United States. Congress. House. Committee on Rules. Subcommittee on Rules of the House.

Congressional review of agency rulemaking : hearings before the Subcommittee on Rules of the House of the Committee on Rules, House of Representatives, Ninety-seventh Congress, first session, on various legislative veto bills introduced in the 97th Congress, October 7, 28, and November 19, 1981. — Washington : U.S. G.P.O., 1983.

iv, 408 p. ; 24 cm. Bibliography: p. 44-45. ●Item 1025-C, 1025-D (microfiche)

1. Administrative procedure — United States. 2. Veto — United States. 3. Legislative oversight — United States. I. Title. OCLC 09278742

**83-12626**

**Y 4.R 86/1:R 86/4**

United States. Congress. House. Committee on Rules.

A history of the Committee on Rules : 1st to 97th Congress, 1789-1981. — Washington : U.S. G.P.O. : For sale by the Supt. of Docs., U.S. G.P.O., 1983.

xv, [1], 298 p. : ill., ports. ; 24 cm. At head of title: 97th Congress, 2d Congress. Committee print. "House of Representatives of the United States"—Cover. Bibliography: p. 293-298. ●Item 1025-C, 1025-D (microfiche) S/N 052-070-05799-8 @ GPO $7.50

1. United States. Congress. House. Committee on Rules — History. I. Title. OCLC 09250146

## RULES AND ADMINISTRATION, Committee on, Senate Washington, DC 20510

**83-12627**

**Y 4.R 86/2:Ex 7/982**

Expenditure authorizations and requirements for Senate committees. — Washington : U.S. G.P.O., 1982.

vi, 44 p. ; 24 cm. At head of title: 97th Congress, 2d session. Committee print. "December 14, 1982." ●Item 1046-B, 1046-C (microfiche)

1. United States. Congress. Senate — Appropriations and expenditures. 2. United States. Congress. Senate — Officials and employees. I. United States. Congress. Senate. Committee on Rules and Administration. OCLC 09256682

## SCIENCE AND TECHNOLOGY, Committee on, House Washington, DC 20515

**83-12628**

**Y 4.Sci 2:R 86/983**

United States. Congress. House. Committee on Science and Technology.

Rules governing procedure of the Committee on Science and Technology, U.S. House of Representatives. Washington: U.S. G.P.O.,

v. ; 24 cm.

Biennial At head of title: Committee print. 98th Congress. Description based on: 97th Congress. ●Item 1025-A-1, 1025-A-2 (microfiche)

1. United States. Congress. House. Committee on Science and Technology — Rules and practice — Periodicals. I. Title. OCLC 09117203

**83-12629**

**Y 4.Sci 2:97/DD**

Bortnick, Jane.

The Information Science and Technology Act of 1981 : report / prepared by the Congressional Research Service, Library of Congress, for the Subcommittee on Science, Research and Technology ; transmitted to the Committee on Science and Technology, U.S. House of Representatives, Ninety-seventh Congress, second session. — Washington : U.S. G.P.O., 1982.

ix, 61 p. ; 24 cm. At head of title: Committee print. "June 1982." "Serial DD." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. Telecommunication policy — United States. 2. Technology and state — United States. I. Library of Congress. Congressional Research Service. II. United States. Congress. House. Committee on Science and Technology. Subcommittee on Science, Research and Technology. III. Title. OCLC 09266232

**83-12630**

**Y 4.Sci 2:97/EE**

Energy-efficient technology : advancing U.S. competitiveness and productivity : proceedings of a seminar : report / prepared by the Congressional Research Service, Library of Congress ; transmitted to the Committee on Science and Technology, U.S. House of Representatives, Ninety-seventh Congress, second session. — Washington : U.S. G.P.O., 1982.

ix, 184 p. : ill. ; 24 cm. At head of title: Committee print. "February 1982." Includes bibliographical references. "Serial EE." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. Energy conservation — United States. 2. Industry — Energy conservation. 3. United States — Industries — Energy conservation. I. Library of Congress. Congressional Research Service. II. United States. Congress. House. Committee on Science and Technology. OCLC 09293277

**83-12631**

**Y 4.Sci 2:97/GG**

United States. Congress. House. Committee on Science and Technology. Subcommittee on Transportation, Aviation, and Materials.

Advanced rail technology : report / prepared by the Subcommittee on Transportation, Aviation and Materials transmitted to the Committee on Science and Technology, U.S. House of Representatives, Ninety-seventh Congress, second session. — Washington : U.S. G.P.O., 1982.

v, 46 p. ; 24 cm. At head of title: Committee print. "September 1982." "Serial GG." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. Railroads — United States. 2. Magnetic levitation vehicles. 3. High speed ground transportation — United States. OCLC 09169891

**83-12632**

**Y 4.Sci 2:97/7**
**Y 4.Sci 2:97/8**

United States. Congress. House. Committee on Science and Technology. Subcommittee on Transportation, Aviation, and Materials.

1982 NASA authorization : hearings before the Subcommittee on Transportation, Aviation, and Materials of the Committee on Science and Technology, U.S. House of Representatives, Ninety-seventh Congress, first session .... — Washington : U.S. G.P.O., 1981-

v. : ill. ; 24 cm. "Subcommittee on Space Science and Applications"—Vols. IV and V. "January 28; February 20, 23, 27; March 2, 4, 5, 10, 11, 1981"—Vol. IV. "March 12, 17, 18, 19, 20, 21, 23, and 24, 1981"—Vol. V. "No. 7"—Vol. IV. "No. 8"—Vol. V. ●Item 1025-A-1, 1025-A-2 (microfiche)

1. United States. National Aeronautics and Space Administration — Appropriations and expenditures. 2. Aeronautics and state — United States. I. United States. Congress. House. Committee on Science and Technology. Subcommittee on Space Science and Applications. II. Title. III. Title: 1982 N.A.S.A. authorization. OCLC 07745375

**83-12633**

**Y 4.Sci 2:97/98**

United States. Congress. House. Committee on Science and Technology. Subcommittee on Transportation, Aviation, and Materials.

1983 NASA authorization : hearing before the Subcommittee on Transportation, Aviation, and Materials of the Committee on Science and Technology, U.S. House of Representatives, Ninety-seventh Congress, second session .... — Washington : U.S. G.P.O., 1982-

v. : ill. ; 24 cm. "Subcommittee on Space Science and Applications"—Vol. II. "NOAA Landsat authorization for 1983"—Vol. II. "February 5, 9, 10, 12, 13, 15, 22, 23, 24, 25; March 2, 3, 4, 1982"—Vol. II. "No. 98"—Vol. II. ●Item 1025-A-1, 1025-A-2 (microfiche)

1. United States. National Aeronautics and Space Administration — Appropriations and expenditures. I. United States. Congress. House. Committee on Science and Technology. Subcommittee on Space Science and Applications. II. Title. III. Title: 1983 N.A.S.A. authorization. KF27.S3997 1982 82-601979 353.0072/234 ¢2 19 OCLC 08487306

**83-12634**

**Y 4.Sci 2:97/107**

United States. Congress. House. Committee on Science and Technology. Subcommittee on Science, Research, and Technology.

H.R. 5254—Engineering and Science Manpower Act of 1982 : hearings before the Subcommittee on Science, Research, and Technology of the Committee on Science and Technology, U.S. House of Representatives, Ninety-seventh Congress, second session, April 27 and 29, 1982. — Washington : U.S. G.P.O., 1982.

iii, 237 p. : ill. ; 24 cm. Includes bibliographical references. "No. 107." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. Science — Study and teaching — United States. 2. Scientists — Training of — United States. 3. Engineers — Training of — United States. 4. Technical education — Law and legislation — United States. I. Title. II. Title: HR 5254—Engineering and Science Manpower Act of 1982. 82-603542 OCLC 09230335

83-12635

Y 4.Sci 2:97/128

United States. Congress. House. Committee on Science and Technology. Subcommittee on Energy Research and Production.

Oversight—the Nuclear Regulatory Commission research program : hearings before the Subcommittee on Energy Research and Production of the Committee on Science and Technology, U.S. House of Representatives, Ninety-seventh Congress, second session, May 18, 19; June 15, 1982. — Washington : U.S. G.P.O., 1982.

iii, 436 p. : ill. ; 24 cm. Includes bibliographical references. "No. 128." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. U.S. Nuclear Regulatory Commission. 2. Power resources — United States. 3. Nuclear research — United States. I. Title. OCLC 09276646

83-12636

Y 4.Sci 2:97/129

United States. Congress. House. Committee on Science and Technology. Subcommittee on Energy Research and Production.

Technical aspects of nuclear nonproliferation : safeguards : hearings before the Subcommittee on Energy Research and Production of the Committee on Science and Technology, U.S. House of Representatives, Ninety-seventh Congress, second session, August 3 and 4, 1982. — Washington : U.S. G.P.O., 1982.

iv, 852 p. : ill. ; 24 cm. Bibliography: p. 579-589. "No. 129." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. Nuclear nonproliferation. 2. Atomic power — Safety measures. I. Title. OCLC 09263414

83-12637

Y 4.Sci 2:97/131

United States. Congress. House. Committee on Science and Technology. Subcommittee on Energy Development and Applications.

U.S. electric power system reliability : hearings before the Subcommittee on Energy Development and Applications and the Subcommittee on Energy Research and Production of the Committee on Science and Technology, U.S. House of Representatives, Ninety-seventh Congress, second session, June 8, 10, 1982. — Washington : U.S. G.P.O., 1982.

v, 382 p. : ill., 1 map ; 24 cm. Includes bibliographical references. "No. 131." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. Electric utilities — United States. 2. Electric industries — United States. 3. Electric power production — United States. 4. Electric power systems — United States. I. United States. Congress. House. Committee on Science and Technology. Subcommittee on Energy Research and Production. II. Title. III. Title: US electric power system reliability. OCLC 09298760

83-12638

Y 4.Sci 2:97/132

United States. Congress. House. Committee on Science and Technology. Subcommittee on Energy Development and Applications.

U.S. solar and conservation technologies in international markets : hearings before the Subcommittee on Energy Development and Applications and the Subcommittee on Investigations and Oversight of the Committee on Science and Technology, U.S. House of Representatives, Ninety-seventh Congress, second session, June 3, 17, 21, 1982. — Washington : U.S. G.P.O., 1982.

iii, 415 p. : ill. ; 24 cm. Includes bibliographical references. "No. 132." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. Solar energy — United States. 2. Energy conservation — United States. 3. Export marketing. 4. Technology transfer. I. United States. Congress. House. Committee on Science and Technology. Subcommittee on Investigations and Oversight. II. Title. III. Title: US solar and conservation technologies in international markets. OCLC 09250315

83-12639

Y 4.Sci 2:97/140

United States. Congress. House. Committee on Science and Technology.

Fiscal year 1983 Department of Energy budget review : hearing before the Committee on Science and Technology, U.S. House of Representatives, Ninety-seventh Congress, second session. — Washington : U.S. G.P.O., 1982-

v. : ill. ; 24 cm. "Subcommittee on Energy Research and Production of the Committee on Science and Technology"—Vol. V. "March 23, 24, 1982"-Vol. V. Inludes bibliographical references. Contents: v. V. Magnetic fusion energy. "No. 140"—Vol. 5. ●Item 1025-A-1, 1025-A-2 (microfiche)

1. United States. Dept. of Energy. Appropriations and expenditures. 2. Energy policy — United States. I. United States. Congress. House. Committee on Science and Technology. Subcommittee on Energy Development and Applications. II. United States. Congress. House. Committee on Science and Technology. Subcommittee on Energy Research and Production. III. Title. OCLC 09089071

83-12640

Y 4.Sci 2:97/142

United States. Congress. House. Committee on Science and Technology. Subcommittee on Investigations and Oversight.

Genetic screening in the workplace : hearing before the Subcommittee on Investigations and Oversight of the Committee on Science and Technology, U.S. House of Representatives, Ninety-seventh Congress, second session, October 6, 1982. — Washington : U.S. G.P.O., 1983.

iii, 126 p. : ill. ; 24 cm. Includes bibliographical references. "No. 142." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. Medical screening — United States. 2. Medical ethics — United States. 3. Risk — United States. 4. Industrial hygiene — United States. I. Title. OCLC 09278781

83-12641

Y 4.Sci 2:97/143

United States. Congress. House. Committee on Science and Technology. Subcommittee on Space Science and Applications.

National space policy : hearing before the Subcommittee on Space Science and Applications of the Committee on Science and Technology, U.S. House of Representatives, Ninety-seventh Congress, second session, August 4, 1982. — Washington : U.S. G.P.O., 1982.

iii, 65 p. ; 24 cm. "No. 143." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. Astronautics and state — United States. 2. Space sciences — United States. 3. Outer space — Exploration — United States. 4. Astronautics — United States. 5. Science and state — z United States. I. Title. OCLC 09252711

83-12642

Y 4.Sci 2:97/145

United States. Congress. House. Committee on Science and Technology. Subcommittee on Natural Resources, Agriculture Research, and Environment.

Pharmaceutical innovation—promises and problems : hearing before the Subcommittee on Natural Resources, Agriculture Research, and Environment and the Subcommittee on Investigations and Oversight of the Committee on Science and Technology, U.S. House of Representatives, Ninety-seventh Congress, first session, April 27, 1981. — Washington : U.S. G.P.O., 1982.

iii, 237 p. : ill., forms ; 24 cm. Includes bibliographical references. "No. 145." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. Pharmaceutical research — United States. 2. Medical research — United States. I. United States. Congress. House. Committee on Science and Technology. Subcommittee on Investigations and Oversight. II. Title. OCLC 09250215

**83-12643**

**Y 4.Sci 2:97/146**

United States. Congress. House. Committee on Science and Technology. Subcommittee on Investigations and Oversight.

Review of the Department of Energy's health and mortality study : hearing before the Subcommittee on Investigations and Oversight of the Committee on Science and Technology, U.S. House of Representatives, Ninety-seventh Congress, second session, May 19, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

iii, 195 p. : ill. ; 24 cm. Bibliography: p. 36-39. "No. 146." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. Ionizing radiation. 2. Radiation — Physiological effect. 3. Radiobiology. 4. Mortality. I. Title. OCLC 09250240

**83-12644**

**Y 4.Sci 2:97/147**

United States. Congress. House. Committee on Science and Technology. Subcommittee on Science, Research, and Technology.

Human Care and Development of Substitutes for Animals in Research Act : hearing before the Subcommittee on Science, Research, and Technology of the Committee on Science and Technology, U.S. House of Representatives, Ninety-seventh Congress, second session, on H.R. 6245, May 4, 1982. — Washington : U.S. G.P.O., 1983.

iii, 64 p. : forms ; 24 cm. Includes bibliographical references. "No. 147." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. Laboratory animals — United States. 2. Animal experimentation — United States. 3. Medical research — United States. I. Title. OCLC 09298830

**83-12645**

**Y 4.Sci 2:97/148**

United States. Congress. House. Committee on Science and Technology. Subcommittee on Investigations and Oversight.

Robotics : hearings before the Subcommittee on Investigations and Oversight of the Committee on Science and Technology, U.S. House of Representatives, Ninety-seventh Congress, second session, June 2, 23, 1982. — Washington : U.S. G.P.O., 1983.

iii, 449 p. : ill. ; 24 cm. Bibliography: p. 333-334. "No. 148." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. Robots, Industrial — Government policy — United States. 2. Robot industry — United States. I. Title. OCLC 09307640

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ii, 125 p. ; 24 cm. "No. 149." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. United States. Food and Drug Administration. 2. Drugs — United States. 3. Drug trade — United States. 4. Pharmaceutical research — United States. I. Title. OCLC 09298083

**83-12647**

**Y 4.Sci 2:97/152**

United States. Congress. House. Committee on Science and Technology. Subcommittee on Natural Resources, Agriculture Research, and Environment.

The nation's long-term agriculture research needs : hearings before the Subcommittee on Natural Resources, Agriculture Research, and Environment of the Committee on Science and Technology, U.S. House of Representatives, Ninety-seventh Congress, second session, July 27, 29, 1982. — Washington : U.S. G.P.O., 1983.

iii, 371 p. : ill., maps ; 24 cm. Includes bibliographical references. "No. 152." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. Agricultural research — United States. I. Title. OCLC 09318578

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United States. Congress. House. Committee on Science and Technology. Subcommittee on Transportation, Aviation, and Materials.

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iii, 121 p. : ill. ; 24 cm. Includes bibliographical references. "No. 156." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. Aeronautics — Research — United States. 2. Technology and state — United States. I. Title. OCLC 09310395

## SECURITY AND COOPERATION IN EUROPE, Commission on, Washington, DC 20515

**83-12649**

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United States. Commission on Security and Cooperation in Europe.

Implementation of the Helsinki accords : hearing before the Commission on Security and Cooperation in Europe, Ninety-seventh Congress, second session, the assassination attempt on Pope John Paul II, September 23, 1982. — Washington : U.S. G.P.O., 1983.

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1. Assassination — Italy. 2. John Paul II, Pope, 1920- 3. Catholic Church. Pope (1978- : John Paul II) 4. Offenses against the person — Italy. I. Title. OCLC 09307819

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Small Business Administration disaster assistance programs : hearings before the Committee on Small Business, House of Representatives, Ninety-seventh Congress, second session, San Francisco, Calif., April 8 (A.M.) ; and Santa Cruz, Calif., April 6 (P.M.), 1982. — Washington : U.S. G.P.O., 1983.

iv, 111 p. ; 24 cm. ●Item 1031-A, 1031-B (microfiche)

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iii, 126 p. : ill., forms ; 24 cm. ●Item 1031-A, 1031-B (microfiche)

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United States. Congress. House. Committee on Small Business. Subcommittee on General Oversight and Minority Enterprise.

Media concentration : hearing before the Subcommittee on General Oversight and Minority Enterprise of the Committee on Small Business, House of Representatives, Ninety-sixth Congress, second session .... — Washington : U.S. G.P.O., 1980-

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1. Small business — United States. 2. Consolidation and merger of corporations — United States. 3. Mass media — Economic aspects — United States. 4. Press monopolies — United States. 5. Mass media — Law and legislation — United States. I. Title. KF27.S64 1980a 80-603015 302.2/3 ¢2 19 OCLC 06742578

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United States. Congress. House. Committee on Small Business.

Small and minority business in the decade of the 80's : hearings before the Committee on Small Business, House of Representatives, Ninety-seventh Congress, first session. — Washington : U.S. G.P.O., 1981-

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Small business failures : hearing before the Subcommittee on Antitrust and Restraint of Trade Activities Affecting Small Business of the Committee on Small Business, House of Representatives, Ninety-seventh Congress, second session, New York City, N.Y., June 25, 1982. — Washington : U.S. G.P.O., 1983.

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1. Small business — United States. 2. Small business — New York (State) 3. Bankruptcy — New York (State) 4. Bankruptcy — United States. I. Title. OCLC 09320285

## SMALL BUSINESS, Committee on, Senate
## Washington, DC 20510

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United States. Congress. Senate. Committee on Small Business. Subcommittee on Urban and Rural Development.

SBA's economic development programs : hearing before the Subcommittee on Urban and Rural Economic Development of the Committee on Small Business, United States Senate, Ninety-seventh Congress, second session, on SBA's economic development programs, September 28, 1982. — Washington : U.S. G.P.O., 1982.

iii, 156 p. : ill. ; 24 cm. Includes bibliographical references. ●Item 1049-J, 1049-K (microfiche)

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## TAXATION, Joint Committee on, Washington, DC 20515

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Description of law and bills relating to awards of attorneys' fees in tax cases : (Public Law 96-481, H.R. 1095, H.R. 2555, and H.R. 3262) scheduled for a hearing by the Subcommittee on Select Revenue Measures of the Committee on Ways and Means, House of Representatives on September 28, 1981 / prepared for the use of the Committee on Ways and Means by the Joint Committee on Taxation. — Washington : U.S. G.P.O., 1981.

iii, 10 p. ; 24 cm. At head of title: Joint committee print. "September 24, 1981." ●Item 1002-A, 1002-B (microfiche)

1. Lawyers — United States — Fees. 2. Costs (Law) — United States. 3. Government litigation — United States. I. United States. Congress. House. Committee on Ways and Means. Subcommittee on Select Revenue Measures. II. United States. Congress. Joint Committee on Taxation. OCLC 08068949

## VETERANS' AFFAIRS, Committee on, House
## Washington, DC 20515

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United States. Congress. House. Committee on Veterans' Affairs. Subcommittee on Oversight and Investigations.

Federal agent orange activities and the vet center program : hearing before the Subcommittee on Oversight and Investigations of the Committee on Veterans' Affairs, House of Representatives, Ninety-seventh Congress, second session, September 15, 1982. — Washington : U.S. G.P.O., 1982.

iv, 164 p. : ill., 1 map ; 24 cm. Includes bibliographical references. "Serial no. 97-78." ●Item 1027-A, 1027-B (microfiche)

1. Agent Orange — Toxicology. 2. Veterans — Diseases and hygiene — United States. 3. Veterans — Medical care — United States. I. Title. OCLC 09052899

## VETERANS' AFFAIRS, Committee on, Senate
## Washington, DC 20510

**83-12658**

**Y 4.V 64/4:V 64/33/982**

United States. Congress. Senate. Committee on Veterans' Affairs.

Veterans' compensation, education, and employment amendments of 1982 : hearings before the Committee on Veterans' Affairs, United States Senate, Ninety-seventh Congress, second session, on S. 1956, S. 2048, S. 2378, amendment no. 1909 to S. 2378, S. 2381, S. 2382, S. 2388, S. 2460, S. 2461, S. 2709, S. 2380, S. 2747, amendment no. 1984 to S. 2747, and related bills, July 13, and 28, 1982. — Washington : U.S. G.P.O., 1983.

v, 848 p. : ill., forms ; 24 cm. Includes bibliographical references. ●Item 1027-A, 1027-B (microfiche)

1. Veterans — Legal status, laws, etc. — United States. 2. Veterans, Disabled — Rehabilitation — United States. 3. Veterans — Education — United States. 4. Veterans — Employment — United States. 5. Veterans — Medical care — United States. I. Title. OCLC 09318533

## WAYS AND MEANS, Committee on, House
## Washington, DC 20515

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**Y 4.W 36:WMCP 98-1**

United States. Congress. House. Committee on Ways and Means.

Manual of rules of the Committee on Ways and Means for the ... Congress / Committee on Ways and Means, U.S. House of Representatives. Washington : U.S. G.P.O.,

v. ; 24 cm.

Biennial At head of title: 98th Congress, 1st session. Committee print. WMCP:98-1. 98th Congress. Description based on: 97th Congress. ●Item 1028-A, 1028-B (microfiche)

1. United States. Congress. House. Committee on Ways and Means — Rules and practice — Periodicals. I. Title. OCLC 04993934

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**Y 4.W 36:WMCP 98-4**

United States. Congress. House. Committee on Ways and Means.

Legislative record of the Committee on Ways and Means, U.S. House of Representatives along with brief historical and other pertinent information concerning the Committee. Washington : U.S. G.P.O.,

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1. Legislation — United States — Periodicals. 2. United States. Congress. House. Committee on Ways and Means — Periodicals. I. Title. OCLC 02945855

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United States. Congress. House. Committee on Ways and Means. Subcommittee on Trade.

U.S. trade policy : phase I, administration and other public agencies : hearings before the Subcommittee on Trade of the Committee on Ways and Means, House of Representatives, Ninety-seventh Congress, first session, October 28, 29, 30; November 2, 3, and 12, 1981. — Washington : U.S. G.P.O., 1982.

v, 574 p. : ill. ; 24 cm. "Serial 97-45." ●Item 1028-A, 1028-B (microfiche)

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United States. Congress. House. Committee on Ways and Means.

Impact of the administration's budget cuts : hearings before the Committee on Ways and Means, House of Representatives, Ninety-seventh Congress,second session. — Washington : U.S. G.P.O., 1982-

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1. Federal-city relations — United States. 2. State-local relations — United States. 3. Budget — United States. 4. Intergovernmental fiscal relations — United States. 5. United States — Social policy. I. Title. KF27.W3 1981f 82-602082 353.0072/5 ¢2 19 OCLC 08530860

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v, 433 p. : ill., 1 map ; 24 cm. Includes bibliographical references. "Serial 97-78." ●Item 1028-A, 1028-B (microfiche)

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United States. Congress. House. Committee on Ways and Means. Subcommittee on Oversight.

Taxpayer safeguards : hearing before the Subcommittee on Oversight of the Committee on Ways and Means, House of Representatives, Ninety-seventh Congress, second session, April 26, 1982. — Washington : U.S. G.P.O., 1982 [i.e. 1983]

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1. Taxation — United States. 2. Tax returns — United States. 3. Privacy, Right of — United States. I. Title. OCLC 09298861

## CONGRESSIONAL BUDGET OFFICE
## Washington, DC 20515

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xx, 102 p. ; 26 cm. "A CBO report as required by Public Law 93-344"—Cover. "November 1982"—Cover. Includes bibliographical references. ●Item 1005-F

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Houston, Texas 77017
Telephone: (713) 226-5453

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Jacksonville, Florida 32202
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Kansas City, Missouri 64106
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Philadelphia, Pennsylvania 19106
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Washington, D.C. 20230
Telephone: (202) 377-3527

Department of State
Room 2817, North Lobby
21st and C Streets NW.
Washington, D.C. 20520
Telephone: (202) 632-1437

Health and Human Services Bookstore
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Washington, D.C. 20201
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Washington, D.C. 20547
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